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MINUTES OF THE REGULAR MEETING
of the
BOARD OF REGENTS OF THE UNIVERSITY OF WISCONSIN SYSTEM

Madison, Wisconsin

November 11, 1988

S U B J E C T I N D E X

	<u>Pages</u>
Approval of minutes	1
REPORT OF THE PRESIDENT OF THE BOARD	
Report on the Council for Public Broadcasting	1
Report of the President of the VTAE Board	1
Report by the Chairman of the Council of Trustees of the UW Hospital and Clinics	2
Action on proposed amendment to UWS 6.02, <i>Wis. Admin. Code</i>	3 & EX A
Action on proposed amendments to bylaws of the board of Regents: Creation of a Standing Personnel Matters Review Committee, including standards for review	4 & EX B
Portrait for former Regent President Weinstein	4
REPORT OF THE PRESIDENT OF THE SYSTEM	
Approval of nonpersonnel actions/informational items	4
Presentation by Urban Corridor Consortium and UW System Institute on Race and Ethnicity on minority faculty development and faculty exchange	5-7
Interim report on UW-Madison athletic budget deficit	7-11
REPORT OF THE PHYSICAL PLANNING AND DEVELOPMENT COMMITTEE	
Introduction of Associate Vice President, UW System Division of Capital Budget and Architectural/Engineering Services	11
Legislation to authorize Wisconsin higher education savings bond program	11
Capital budget deferred	11
REPORT OF THE EDUCATION COMMITTEE	
Report on remedial education	12-15
Five-year review: B.S. in Computer Science, UW-Platteville	15
1987-88 report on minority/disadvantaged programs	16
Information report on University of Wisconsin System scholarship program	16
Announcement of 1988-89 academic staff professional development awards	16
Amendments to constitution of UW Centers	16-17
Authorization to recruit: Dean of the College of Fine Arts and Communications, UW-Stevens Point	17
Authorization to recruit: Dean of the College of Health, Physical Education, Recreation, UW-La Crosse	17

Education Committee continued on next page)

<u>Subject Index</u>	<u>Pages</u>
EDUCATION COMMITTEE (Continued)	
Authorization to recruit: Dean of the College of Education and Graduate Studies, UW-La Crosse	17-18
Authorization to recruit: Associate Professor or Professor, Law School, UW-Madison	18
Call from United Council for UW System brochure	18
Wisconsin Distinguished Professorships	18-19
Kress Family Wisconsin Distinguished Professorship	19
Named Professorship, UW-Madison	20
Concern regarding loss of faculty	20
REPORT OF THE BUSINESS & FINANCE COMMITTEE	
Approval of 1989-91 biennial operating budget	20-29 & EXHIBIT C
Approval of 1989-91 faculty and academic staff compensation plan	29
95%-103.7% base budget exercise	30
Allocation of remaining 25 FTE instruction positions	30
Approval of gifts, grants and contracts	31
Report on Foundation accounts	31-32
Report on 1988-89 enrollment management	32-35
Report on legal services in the UW System	35
Authorization to recruit: Vice Chancellor for Legal and Executive Affairs, UW-Madison	35-36
Report of the Vice President	36-37
UNFINISHED OR ADDITIONAL BUSINESS	
Scheduling of December meeting	37
CLOSED SESSION ACTIONS	
Appointments to UW-Whitewater Board of Visitors	38
Appointment of public member to Council of Trustees of the UW Hospital and Clinics	39

MINUTES OF THE REGULAR MEETING
of the
BOARD OF REGENTS OF THE UNIVERSITY OF WISCONSIN SYSTEM
Madison, Wisconsin

Held in the Clarke Smith Room, 1820 Van Hise Hall
Friday, November 11, 1988
9:00 a.m.

- President Schilling presiding -

PRESENT: Regents Clusen, DeLong, Doughty Luckhardt, Fish, Flores,
Gerrard, Gundersen, Hanson, Jarvis, Lyon, Nikolay, Schilling
and Weinstein

ABSENT: Regents Davis, Grover, Nicholas and Vattendahl

Approval of Minutes

Minutes of the regular meeting held on October 7, 1988, were
unanimously approved, upon motion by Regent Nikolay, seconded by Regent
Weinstein.

REPORT OF THE PRESIDENT OF THE BOARD

ECB - } Report on the Council for Public Broadcasting, p.1

President Schilling referred to a written report on the Council for
Public Broadcasting, provided by Regent Clusen, Chair of the Council.

VTAE - } Report of the President of the VTAE Board, p.1

A written report was submitted by Regent DeLong, President of the
State Board of Vocational, Technical and Adult Education.

Hospital - Council of Trustees - Report on long-range plans, and

Report by the Chairman of the Council of Trustees of the UW Hospital and Clinics

Regent Flores, Chair of the Council of Trustees, reported first on the Council's October 21 special meeting, which was primarily devoted to the hospital's long-range strategic planning process. A report on capital budget requests for the 1989-91 biennium also was discussed.

At its regular meeting on November 10, Superintendent Derzon had reported that, while patient admissions declined slightly in October, the hospital experienced overall gains in patient activity for the first quarter of this fiscal year. Admissions were up 1.7 percent and patient days up 4.1 percent. *✓ on approval by Council of items to go to Regents p. 2*

The Council approved a motion by Regent Weinstein that the Council of Trustees approve all major budgetary matters to be submitted to the Board of Regents for action. Subsequently, the Council discussed and approved budget items for the 1989-91 biennium, as included in the UW System budget to be acted upon by the Board of Regents at this meeting.

Dr. Carl J. Getto, Associate Dean/Director of Clinical Affairs, presented an update on the hospital quality assurance program. He also reported that the hospital again was found to be well within predicted mortality rates for all categories of patients in a report to be published the following month by the Health Care Financing Administration.

Continuing his presentation from the previous meeting on environmental trends affecting University Hospital, Associate Superintendent Peter Pruessing reiterated that overall hospital patient activity levels were declining, as was the geographic area from which most patients came. At the same time, other health care providers, most notably large practices, were actively expanding and strengthening their programs throughout the state. Mr. Pruessing noted that Wisconsin had become one of the most competitive health care environments in the United States and that the activities of providers, coupled with changing practice patterns and financial incentives, posed a growing threat to the hospital's patient volume and financial viability. This, in turn, threatened the hospital's fundamental historical education/research mission.

Dr. Getto described how changing patterns of medical practice were affecting medical education. Because patients were being hospitalized for much shorter periods than five years ago, less time was available for teaching students and residents in the hospital setting. Dr. Getto also noted that the direct cost of post-M.D. residency training alone constituted approximately 4.7 percent of the hospital's budget, or more than \$7 million annually. Vice Chancellor Noren added that the cost to UW Hospital for all educational programs was approximately \$16 million per year.

In conclusion, Chairman Flores stated that the issues and trends presented to the Council would continue to be examined and addressed, particularly as the hospital entered its long-range planning process. He planned to appoint a long-range planning committee within the next several weeks.

Admin Code -

Action on Proposed Amendment to UWS 6.02, Wis. Admin. Code, R. 5084, p. 34

Regent President Schilling reported on the public hearing on this amendment held the preceding day, with a quorum of the board present.

EX A

UW System Senior Counsel John Tallman reviewed the advisory comments of the Legislative Council Rules Clearinghouse and his recommendations as to changes which could be made on the basis of those comments.

Two persons spoke at the hearing: Gloria Toivola, President of The Association of University of Wisconsin Professionals (TAUWP), addressed the standards for review of personnel cases set forth in the proposed amendments to the bylaws of the Board of Regents. She suggested that the standards be written into the administrative code and also suggested some changes to the standards. Her proposals were referred to legal counsel for review and advice as to whether the standards would be appropriate for inclusion in the administrative code.

Sandra Eschmann, of the United Council of UW Student Governments, spoke in support of the proposed amendments to UWS 6.02.

After discussion, it was unanimously voted to advance the amendment as revised to incorporate several Legislative Council suggestions.

Noting that the amendment as revised was before the Board of Regents at this meeting, Regent Schilling added that, upon approval of Resolution 5084, the amendment would be forwarded to the Legislature for review. Any legislative comments would be returned to the board. If there were no comments, the rules would be returned to the board for promulgation.

Adoption of Resolution 5084 was moved by Regent Gundersen, seconded by Regent Jarvis, and unanimously carried.

Resolution 5084: That the Secretary of the Board of Regents, pursuant to s. 227.19, Wis. Stats., notify the presiding officer of each house of the Legislature that proposed amendments to Section UWS 6.02, Wis. Admin. Code, are in final draft form and cause a statement to appear in the Wisconsin Administrative Register that said proposed amendments have been submitted to the presiding officer of each house of the Legislature.

(The proposed amendments are attached as EXHIBIT A.)

Regent Nikolay pointed out that, as per agreement at the hearing, the sentence beginning in the fifth line should read: "The committee or faculty body shall have the power to," rather than "may" "conduct hearings and fact-finding"

President Schilling asked unanimous consent to make that correction. There being no objection, it was so ordered.

Regent - Bylaws -

by creating

Action on ~~Amendments to Bylaws of the Board of Regents~~
Creation of a Standing Personnel Matters Review Committee, including
Standards for Review, R5085, p.4 + EX B

Regent President Schilling presented the proposed amendments which were introduced at the September meeting and were returned for further consideration and action at this time. The purpose of the proposed amendments was to establish a clearly defined process for handling requests to the Board of Regents for review of personnel matters. They would create a Personnel Matters Review Committee as a standing committee of the Board of Regents and would specify its duties in the mandatory and discretionary review of personnel matters. In cases of discretionary review, four standards would be established for determining whether requests for board consideration should be granted.

new com

Regent Committee - Personnel Matters Review - Creation of committee by amendment of Board bylaws, R 5085, p.4 + EX B

An additional change, made in response to a suggestion by Regent Fish at the September meeting, would make it clear that the committee would not be obliged to report recommended findings and a decision to the full Board of Regents if the request for review were withdrawn.

Upon motion by Regent Clusen, seconded by Regent Hanson, the following resolution was adopted unanimously by the board:

Resolution 5085: That the bylaws of the Board of Regents be amended as set forth in the attached document.

(The bylaws as amended are attached as Exhibit B.)

Weinstein, Lawrence - Portrait hung in Board room, 1820 Van Hise Hall, p. 4

Portrait of Former Regent President Weinstein

President Schilling called attention to the portrait of former Regent President Weinstein, which was displayed on the meeting room wall along with the portraits of other regent presidents.

REPORT OF THE PRESIDENT OF THE SYSTEM

Approval of Nonpersonnel Actions/Informational Items

Resolution 5086 was adopted unanimously by the board, upon motion by Regent Fish, seconded by Regent Jarvis.

Resolution 5086: That the report of nonpersonnel actions by administrative officers to the Board of Regents and informational items reported for the record (copy on file with the papers of this meeting) be received for the record; and that actions included in the report be approved, ratified and confirmed.

Minutes -Presentation by Urban Corridor Consortium and UW System Institute on Race and Ethnicity on Minority Faculty Development and Faculty Exchange, pp 5-7

Introducing the presentation, President Shaw indicated that part of the strategy for implementing *Design for Diversity* was to set up faculty exchanges with historically black, Hispanic and native American universities. Faculty members participating in these exchanges would teach at one another's campuses and work together to develop courses and curricula to enhance ethnic awareness among both students and faculty.

Design for Diversity - Faculty of changes for implementation of plan, pp 5-7
Two new exchange programs had been started in the system this year, one of which was administered by the Undergraduate Teaching Improvement Council and the Office of the Special Assistant to the President for Minority Affairs. This program, funded through reallocated dollars for the next two years, was intended to foster the development of new exchange relationships between system institutions and historically minority institutions. The other exchange program, sponsored and funded by the Urban Corridor Consortium and the UW System Institute on Race and Ethnicity, involved a new exchange agreement between the Urban Corridor Consortium and North Carolina Central University--an historically black institution. Faculty from all UW System institutions could apply for participation.

President Shaw introduced Professor William Murin of UW-Parkside, director of the Urban Corridor Consortium, consisting of UW-Green Bay, UW-Oshkosh, UW-Milwaukee and UW-Parkside. Dr. Murin introduced Dr. Winston Van Horne, former chairperson with the Department of Afro-American Studies at UW-Milwaukee and current interim director of the UW System Institute on Race and Ethnicity.

With regard to the exchange program with North Carolina Central University, Dr. Murin noted that this was the second year of the exchange agreement involving both full-semester and full-year exchanges. This year, for the first time, there was also a mini-exchange program, developed by Dr. Van Horne, to take into account the difficulty experienced by many faculty and staff in leaving home and family for a semester or a year. This program, which would involve one- through four-week exchanges, had two faculty participants this semester, both from UW-Milwaukee. It was expected that an additional five or six such exchanges would be funded for the next semester. While the majority of applications had come from faculty within the consortium, there were also applications from UW-River Falls, UW-Eau Claire, and the State Historical Society.

Turning to a description of the minority faculty research awards program, Dr. Murin noted that a significant number of minority faculty were lost at the time for tenure consideration. This program had been devised to help in addressing that problem. Dr. Van Horne stated that, over the past three years, there had been 35 applications from tenure-track minority faculty. From that pool, 18 awards had been made, to free faculty for a semester or a summer from all teaching and service responsibilities, so that they could devote time exclusively to research

activities. This was consistent with Resolution SG 17 of *Planning the Future*. Of the 18 awards, seven had been given to faculty at UW-Milwaukee, five at UW-Madison, three at UW-Parkside and three at UW-Whitewater. During the three-year period, the awards had totaled \$120,000 of system funds.

Another accomplishment of the institute was publication of six volumes, which had received favorable reviews in many scholarly journals and had been sold internationally. Volume VII, on ethnicity and health, was to be published this December.

An additional activity of the institute was a faculty/minority student mentor program. For the past two years, in initiating the program at UW-Milwaukee and UW-Oshkosh, five faculty members each mentored between three and five minority students. This year the program was expanded to include UW-River Falls and UW-Whitewater. There were now 20 faculty mentoring close to 80 minority students.

With help and encouragement from Associate Vice President Dallas Peterson, the American Ethnic Studies Coordinating Committee, which had been merged into the institute, developed a program concerning introduction of new courses pertaining to the study of race and ethnicity. Since the fall of 1980, 45 new courses on race and ethnicity had been introduced in system institutions, more than half of which became permanent parts of the curricula. These courses covered the spectrum of disciplines, including music, anthropology, sociology, Afro-American studies, political science and history. The various institutions had been very receptive to this activity, which was encouraged through a grants program.

Dr. Murin added that the institutions contributed to the minority faculty research awards program primarily through continuing that faculty member on salary, while the money provided by the institute was used primarily for adjunct faculty replacement. Another key element of the program was that the junior faculty members were provided with senior faculty mentors who worked with them on specific research projects and introduced them to the ethos of publication. These mentors, who were nationally and internationally known scholars, came both from within and from outside the UW System. In four rounds of funding, not once had there been a refusal by a mentor who was asked to work with junior faculty.

In conclusion, Dr. Murin described a proposal being developed by him and Dr. Van Horne based on an idea from Dr. John Schroeder, Vice Chancellor of UW-Milwaukee, to increase the supply of minority faculty. It was known that approximately 60 percent of the attrition rate in graduate students occurred after completion of course work and the preliminary examination, but before completion of the dissertation, when students had used up their allotment of teaching and research assistanceships. The proposal would permit intervention at that point, to provide funds and support, so that students could finish the dissertation and hopefully find tenure-track appointments within the system at the end of that one- or two-year period.

Dr. Van Horne added that, of the persons who received the minority faculty research awards, one had received tenure and two were being considered for tenure this year.

Noting that the concept of faculty exchanges was not a new one, Regent Weinstein expressed the hope that more progress would be made at this time than in the past. He requested that a report be made to the regents on the number of exchange professorships at each campus.

With regard to the mentoring program, he asked how many students should be mentored, in comparison to the 80 currently in the program.

Replying that the need was great, Dr. Van Horne explained that this type of mentoring involved a relationship in which faculty and students knew each other well and the student felt free to call or visit the faculty office at any time. He estimated that more than 60 percent of students might be in need of mentoring.

President Shaw added that there were many mentoring activities not under the institute's auspices. UW-Madison, for example, had developed a sophisticated program to provide a mentor for every beginning minority student. Other institutions also had instituted mentoring programs which would be set forth in the *Design for Diversity* reports due by January 1, 1989.

In reply to a question by Regent Weinstein, President Shaw indicated that there might be some program overlap at this point. It was not yet known whether all those who needed mentoring were receiving it. Regent Weinstein thought a further report on the mentoring program would help to clarify the situation.

Dr. Van Horne expressed appreciation to Associate Vice President Vernon Lattin, who had been instrumental in promoting programming of the Urban Corridor Consortium and the Institute on Race and Ethnicity; to Executive Vice President Lyall, who was one of his mentors and who was helpful in the evolution of the American Ethnic Studies Coordinating Committee into the institute; to Chancellor Smith and Vice Chancellor Schroeder of UW-Milwaukee for their support of the institute; to Dean Keulks and Associate Dean Hedlund, of the UW-Milwaukee Graduate School where the institute is housed; and to Vice President Trani, who provided a key sense of purpose in the commitment to make the institute a world-renowned entity.

Interim Report on UW-Madison Athletic Budget Deficit

Beginning his comments, President Shaw noted that a more detailed report was scheduled for the December meeting, by which time there would be more information on short-term actions and long-term options. The matter was to undergo further deliberation this afternoon by the UW-Madison Athletic Board, regarding ways to reduce the deficit and balance the budget. That board, composed of eight faculty members, four members of the alumni association and three students, was taking its charge seriously and had been of great assistance to Chancellor Shalala in confronting the deficit issue.

Athletics -)
Budget - (same)

pp 7-11

An audit by the Legislative Audit Bureau of the Athletic Department's financial condition was to be completed by January 1989. The state auditor and his team met with Chancellor Shalala, her staff and Vice Presidents Poellnitz and Bornstein on October 24, to discuss their approach and timetable. The meeting was most constructive, with the LAB and the university believing that this audit would proceed in an expeditious and cooperative manner.

At the same time, President Shaw had asked Vice President Poellnitz and his staff to provide detailed background information on inter- and intra-state funding comparisons for athletics so that UW-Madison's situation could be viewed in a broader context. He expected that this data would be useful in understanding more fully the fiscal history and trends of athletic programs within and outside the system.

He considered it important to keep the Board of Regents informed about this matter, as well as to recognize the role of the Athletic Board and the Chancellor, whose perspective on the issue would be of special value in providing a comprehensive report in December. Considering the complexity of the situation, it would take time to provide an appropriate analysis and a full range of options for review and consideration by the Board of Regents.

Stating his belief that there was not a crisis in the Athletic Department, President Shaw thought, however, that the problem was unlikely to be resolved by a single solution, but rather by a combination of options that together would address responsibly both the current and long-term challenges of a balanced athletic budget.

One option already taken by the Athletic Board was the reduction of \$208,000 in areas such as part-time staff, vehicles, travel, marketing, and the junior varsity hockey program. It would be possible to further reduce the deficit by eliminating other nonrevenue-producing athletic programs. Such action would, however, dramatically change the historic benefits and overall thrust of UW-Madison's sports program.

Another option would be to partially fund the athletic program through segregated fees, which were used for that purpose at every other UW System institution.

A third option would be to consider general purpose operations (GPO) funds consisting of general purpose revenue and fees from existing internal resources. GPO support of athletics ranged widely at other UW System institutions where most of the programs did not produce large amounts of revenue. GPO funds represented three percent of the athletic budget at UW-Madison, principally to support women's sports. At other UW System institutions, GPO support for men's and women's sports ranged from 18 percent at UW-Milwaukee, to about a third at UW-Eau Claire, UW-Green Bay and UW-Stout, to about a half at other institutions. While significantly varying in percentages, there were both historic and logical reasons for different funding approaches at each institution. The GPO approach might not require new money. On the other campuses, GPO dollars were allocated for athletics out of existing budgets because of the belief that a well-rounded athletic program, particularly in the non-remunerative areas, had educational value and importance to the quality of life for the university community.

A fourth option would be to continue business as usual at UW-Madison, with football serving as a principal subsidy sport for the entire Athletic Department. Noting that institutions, such as Michigan, Illinois and Ohio State, also were experiencing funding problems, President Shaw did not consider this option to be reasonable, based on the current football attendance pattern, the prospect of level or decreased revenues from future television contracts and increased cost due to inflation. It also raised the more fundamental questions of whether it was institutionally healthy to rely on a winning football team for a sound and complete athletic program, and whether stadium security should be sacrificed to the point where unruly conduct by some fans could become the price that an institution would be willing to pay in order to balance its books. As stated by a colleague, the athletic program was in the position of a farmer who planned to pay the mortgage based on having a bumper crop each year. Like farming, competitive athletics also could be subject to an occasional drought.

In conclusion, President Shaw stated his agreement with Chancellor Shalala that UW-Madison had the principal responsibility for dealing with this problem on an internal basis and to the greatest degree possible. He expressed confidence that the Chancellor, her staff and the Athletic Board would proceed with determination in that spirit.

Pointing out that there had been warning signs of the problem for two years, Regent Weinstein stated his concern that the Board of Regents would not hear about solutions until the budget process was completed. He asked assurance that the Board of Regents would be involved in the solution.

Giving his assurance, President Shaw added that, if he had to make a recommendation at this meeting as to whether there should be a budget request for this purpose, he would recommend against doing so because it would be a lower priority than the others being presented and because the Athletic Department and the Chancellor had not completed their efforts in considering options.

Chancellor Shalala also stated her assurance that the Board of Regents would be involved in the decision. Noting that cuts of \$600,000 had been made, she considered the university to be on top of the short-run problem. While the hope was to avoid bringing a funding request to the board, she did not know whether or not that could be realized. The goal was a new financial base that would be stable for a long period of time. Stating the commitment to maintain nonrevenue sports, she emphasized that UW-Madison would make every effort to manage the problem internally to the extent possible.

Regent Weinstein asked if decisions would be made before the next biennial budget, and Chancellor Shalala replied in the affirmative.

Regent Weinstein emphasized that he was uncomfortable about the timing because it would leave resolution of the problem to the Legislature.

It was noted by President Shaw that the biennial budget proposal did not include segregated fees, which would be determined in the annual budget process. With regard to evolution of the problem, he thought UW-Madison did as well as could be expected in estimating the shortfall and making reductions accordingly. Not unlike what was occurring across the country, the shortfall had been underestimated. While the problem had existed for two years, it had worsened faster than anticipated. He had advised the chancellor that he would not be comfortable if she were to bring forward a request for GPR money, if every effort had not been made to solve the problem in other ways--through reallocation, through cost cutting, and through fee considerations.

Regent Gerrard urged that the problem be faced forthrightly. He considered it unrealistic to hope that GPR would not be needed to solve the problem.

President Schilling noted that assurance had been given by the president and the chancellor that the Board of Regents would be involved when the time came to make a decision. Regents were concerned that legislators would put funds in the budget that the board had not requested and which did not reflect regent priorities. If that occurred, he stated, it would be a very serious problem.

Stating that would not happen, Chancellor Shalala added that in December the Board of Regents would receive a full presentation on the nature of the deficit, what already had been done about it and the proposed solutions. The goal was not to make a GPR request unless absolutely necessary to balance the budget.

Regent Weinstein asked if that meant the biennial budget request should not be adopted until December when all the variables were set forth.

Since there was no proposal before the Board of Regents at this time, Regent Schilling said the board should proceed with action on the biennial budget at this meeting.

Regent Fish agreed, observing that it would have been difficult for Chancellor Shalala to make any recommendations while various options were still being explored. When the report was made in December, members of the board could pass an amendment to the budget if they wished, although he personally would find it difficult to reopen the budget request at that point. Until the facts were presented, however, there was nothing the board could do about the matter.

Regent Flores stated that, in his view, the cut-off date for this budget was today's meeting. As had been pointed out, the problem was known, but at this time it still was considered a campus matter. He felt any request would have to await the next budget cycle.

Noting that the matter was not before the Board of Regents at this time, Regent Nikolay commented that the regents should not deal with an individual campus issue until it was brought before them.

Regent Gundersen observed that the message he heard was that the UW System had a far higher priority--catch-up pay for faculty and staff.

REPORT OF THE PHYSICAL PLANNING AND DEVELOPMENT COMMITTEE

new com
Eisenberg

Chairman Nikolay presented the report of the committee.

Larry H. - Introduction as Assoc. VP
~~Introduction of Associate Vice President for the UW System Division of Capital Budget and Architectural/Engineering Services, p. 11~~

Regent Nikolay introduced Larry H. Eisenberg, the newly-appointed Associate Vice President who would head the Division of Capital Budget and Architectural/Engineering Services, replacing Bert Anderson who retired last fall. Mr. Eisenberg came to the UW-System from the Department of Administration where his most recent duties were to direct the state's purchasing program.

Bonds [on Savings Bonds]

Legislation to Authorize Wisconsin Higher Education Savings Bond Program, R 5087, p. 11

At a portion of the committee meeting in which all regents were invited to participate, Resolution 5087 was unanimously approved.

Adoption by the Board of Regents of the following resolution was moved by Regent Nikolay, seconded by Regent Gundersen and carried unanimously:

Resolution 5087: That, upon the recommendation of the President of the University of Wisconsin System, legislation will be sought to authorize "Wisconsin Higher Education Savings Bonds" to provide Wisconsin citizens with an investment program to save for the expenses of higher education.

* Budget - *Deferral of capital budget consideration to December, p. 11*

Capital Budget Deferred

Because of concerns regarding time limitations which might preclude adequate discussion, it was voted in committee, with Regents Clusen and Nikolay voting "No," to table the balance of the 1989-91 capital budget until the December meeting.

REPORT OF THE EDUCATION COMMITTEE

Vice Chairman Flores reported for the committee.

Report on Remedial Education - *Adoption of recommendations, R5088, pp 12-15*

President Shaw presented the report on remedial education to the committee. Mr. Don Parker, representing United Council, appeared in support of the report. Professor Phillip Nystrand, representing the UW-Madison Committee on Composition Programs, appeared in opposition to the report.

In committee, two amendments to the draft resolution were made by consensus, both setting specific timetables. As reflected in Resolution 5088, the amendments were to add the phrase "Beginning in fall 1990," to the sentence on line 8, paragraph 4; and "By October 1989," to the first sentence of paragraph 6. The committee approved the revised resolution, with one dissenting vote.

It was moved by Regent Flores and seconded by Regent Weinstein that the following resolution be adopted by the Board of Regents:

Resolution 5088: That, upon the recommendation of the President of the University of Wisconsin System, the Board of Regents adopts the following recommendations of the President of the University of Wisconsin System regarding remedial education:

1. Students who are admitted to institutions of the University of Wisconsin System in accord with criteria approved by the Board of Regents and whose scores on English or mathematics placement or proficiency tests indicate a low probability for success in college-level courses in either or both of those subjects should be placed into appropriate remedial courses.
2. Remedial courses in English and mathematics shall not generate credit toward a degree from institutions in the University of Wisconsin System.
3. Remedial courses in English and mathematics offered by institutions of the University of Wisconsin System may be taught by faculty and staff they employ, through University of Wisconsin-Extension, or through contractual arrangements with local VTAE units. An institution's remedial courses should be available for students on its campus. The faculty of the University of Wisconsin System institution shall control the content, standards, and methods of instruction in its remedial courses.

4. Students enrolled in remedial English or mathematics courses shall not be permitted to enroll for more than 12 credits during the term(s) in which they are taking remedial course work. Under special circumstances, University of Wisconsin System institutions may grant exceptions to this requirement at no additional cost to the student. Beginning in fall 1990, each institution will provide an annual report to System Administration on the number of and basis for such exceptions. The president will use this information to compile an annual report for the Board of Regents.

5. No later than fall, 1991, all remedial courses in the University of Wisconsin System shall be offered on a fee recovery basis.

6. By October 1989, the University of Wisconsin System shall develop a detailed statement of the minimum college-level skills and competencies students are expected to have in English and mathematics upon entrance to the University. This statement shall be widely circulated and periodically up-dated. It should form the basis for college-preparatory courses in English and mathematics offered by secondary schools and for remedial courses offered by the University.

An initial screening for these competencies shall include admitted freshmen's scores on the "ACT" and any other additional performance criteria that each UW System institution may choose. Students who score above the UW System-established level* on the "ACT" mathematics and English subtests are expected to have a high probability of success in college-level courses and may be exempted from further testing. For students who score below the UW System-established level, each institution shall determine the specific instruments and performance criteria used for placement in college-level or remedial courses.

Information about the UW System-established level on "ACT" mathematics and English subtests and each institution's instruments and performance criteria shall be made available to the secondary schools and to potential University of Wisconsin students.

7. The University of Wisconsin System will cooperate with the Department of Public Instruction in developing a plan for assessing English and mathematics skills of high school students throughout the state. Examination results shall be made available to students, their parents, and their schools. Students whose scores suggest they are unlikely to place into college-level English and mathematics courses upon entering college shall be encouraged to take courses in high school that are designed to improve their English and mathematics competencies and lessen the possibility of their placing into remedial courses

* Determined by the UW System Working Group made up of faculty from UW institutions.

In discussion at the board meeting, Regent Flores asked President Shaw if it was the intent that only money recovered through fees would be used to pay for teaching personnel. President Shaw replied in the affirmative.

Regent Flores indicated that the concern set forth by Professor Nystrand at the committee meeting was that, on one hand, the effort was to keep fees at a minimum in order to avoid financial harm to students; but on the other hand, it was important to have high quality instructors teaching these courses. If earmarked dollars were the only funds that could be used to hire instructional personnel, funding might not be sufficient to hire well-qualified instructors. That outcome, Regent Flores stated, would not be consonant with the intent of the Education Committee or the task force.

President Shaw agreed that the program should be monitored with this concern in mind. If such a problem materialized, he would report to the Board of Regents on modifications which might be made.

Regent Weinstein apologized for having misunderstood the professor's position. He, too, would be very concerned if it were true that fee revenue constraints meant that the least competent instructors would be the ones to teach remedial courses.

President Shaw said that had not been the case at UW-Milwaukee, which already was operating its program on a fee recovery basis. However, he would not assume that it would be as easy at a less urban institution to find highly competent part-time and other adjunct staff who could be very good at teaching these kinds of courses. At this point, he had no reason to be seriously concerned, but he thought that the professor's point was well taken and that the situation should be watched carefully.

Regent Flores noted that his remarks were not intended to indicate opposition to the resolution, which he considered a great improvement over the existing situation. The intent clearly was to obtain the best instructional personnel possible for these programs, and he agreed that careful monitoring would be necessary to make sure this occurred.

While he had voted against the resolution in committee, Regent DeLong stated that he favored what was to be instituted. His opposition was based on concern that the report did not address the basic issue of offering remedial programs at the the university level. He thought that issue should be revisited in the future.

Regent Flores added that the Education Committee was assured that the question would be addressed.

Noting that the resolution required a number of reports, Regent Clusen suggested that, when those reports were made, information be provided as to the qualifications and competence of the instructors teaching remedial courses.

Regent Weinstein noted that the preliminary Education Committee minutes indicated that a request was made that System Administration track the relationship between the freshmen cohort and the graduating cohort. He pointed out that the request included comparison with peer institutions and not national averages. That information would help in evaluating the program.

Put to the vote, Resolution 5088 was unanimously adopted by the Board of Regents.

Regent Flores reported that the Education Committee commended the task force and especially Ms. Maggie Burke, of the Department of Public Instruction, for her role in drafting the document.

Academic Programs -)

→ Five-Year Review: B.S. in Computer Science, UW-Platteville, R 5089, p.15

Resolution 5089, which was unanimously approved by the Education Committee, was moved by Regent Flores, seconded by Regent Hanson and adopted unanimously by the Board of Regents.

Resolution 5089: That, upon the recommendation of the Chancellor of the University of Wisconsin-Platteville and the President of the University of Wisconsin System, the B.S., Computer Science, be continued, with the understanding that it will be included within that institution's normal academic program evaluation process.

*ref UW-Platteville - (same, but drop "UW-Platteville")

Minutes -)

→ 1987-88 Report on Minority/Disadvantaged Programs, R 5090, p.16

At the Education Committee meeting, Executive Vice President Lyall introduced the 1987-88 report on minority/disadvantaged programs and summarized its major points. Special Assistant to the President James Sulton was present to comment and respond to questions. The committee unanimously approved Resolution 5090.

The following resolution was adopted unanimously by the Board of Regents, upon motion by Regent Flores, seconded by Regent Hanson:

Resolution 5090: That, upon the recommendation of the President of the University of Wisconsin System, the Board of Regents accepts the 1987-88 Minority and Disadvantaged Reports for submission to the Governor and Legislature as required by sections 36.25(14m), 36.34 and 36.44, *Wisconsin Statutes*.

Scholarships -)

→ Information Report on University of Wisconsin System Scholarship Program, p.16

Vice President Trani presented this status report to the Education Committee. It was indicated that there would be further reports to the committee on this matter.

Rewards -)

→ Announcement of 1988-89 Academic Staff Professional Development Awards, p.16

Reporting on this program, which was in its fourth year, Regent Flores noted that projects were supported by a two-thirds system/one-third institution funding match. The names of the recipients of awards from the second round of proposals to be funded during the 1988-89 fiscal year were included in the agenda materials. Together with the first group of this year's recipients, which was reported in April, this group brought to 116 the number of academic staff projects approved for support this year, for a total of more than \$135,000 of system matching funds.

UW Centers -)

→ Amendments to the Constitution of the UW Centers (UW Centers Faculty Personnel Policies and Procedures), R 5091, pp 16-17

Regent Flores presented Resolution 5091, which was unanimously approved by the Education Committee.

It was moved by Regent Flores, seconded by Regent DeLong and unanimously carried that the following resolution be adopted by the Board of Regents:

Resolution 5091: That, upon the recommendation of the Chancellor of the University of Wisconsin Centers and the President of the University of Wisconsin System, the Amendments to the Constitution of the University of Wisconsin Centers which affect provisions of the faculty personnel rules (change of the title of the executive head to chancellor and revisions to s. 1.02, s. 5.01 B, s. 5.03) be approved.

Authorizations to Recruit

Authorization to Recruit: Dean of the College of Fine Arts and Communications, UW-Stevens Point, R 5092, p.17

Resolution 5092, which was unanimously approved by the Education Committee, was adopted unanimously by the Board of Regents, upon motion by Regent Flores and seconded by Regent DeLong,

X ref UW-Stevens Point - Staff - (same, but drop "UW-St. Pt.")

Resolution 5092: That, upon the recommendation of the Chancellor of the University of Wisconsin-Stevens Point and the President of the University of Wisconsin System, the request of the Chancellor to recruit for a Dean of the College of Fine Arts and Communication be approved.

Authorizations to Recruit

Authorization to Recruit: Dean of the College of Health, Physical Education, Recreation, UW-La Crosse - and

Regent Flores presented the following resolution, which was approved unanimously by the Education Committee.

Upon motion by Regent Flores, seconded by Regent Clusen, Resolution 5093 was adopted unanimously by the board.

Resolution 5093: That, upon the recommendation of the Chancellor of the University of Wisconsin-La Crosse and the President of the University of Wisconsin System, the request of the Chancellor to recruit for a Dean of the College of Health, Physical Education, Recreation be approved.

Authorization to Recruit: Dean of the College of Education and Graduate Studies, UW-La Crosse, R 5093 & R 5094, pp 17-18

Resolution 5094, which was unanimously approved by the Education Committee, was moved by Regent Flores, seconded by Regent DeLong and unanimously adopted by the Board of Regents.

UW-La Crosse - Staff - (same, but drop list "UW-La Crosse")

Resolution 5094: That, upon the recommendation of the Chancellor of the University of Wisconsin-La Crosse and the President of the University of Wisconsin System, the request of the Chancellor to recruit for a Dean of the College of Education and Graduate Studies be approved.

Regent Flores noted that regent involvement in this appointment was requested by Regent Grover.

Authorization to Recruit -

Authorization to Recruit: Associate Professor or Professor, Law School, UW-Madison R 5095, p. 18

Regent Flores reported that this resolution, which was unanimously approved by the Education Committee, required regent action because the proposed salary level exceeded Group 6 of the Executive Pay Plan.

Upon motion by Regent Flores, seconded by Regent Jarvis, the following resolution was adopted unanimously by the Board of Regents:

Resolution 5095: That, upon the recommendation of the Chancellor of the University of Wisconsin-Madison and the President of the University of Wisconsin System, the request of the Chancellor to recruit for an Associate Professor or Professor, Law School, University of Wisconsin-Madison, be approved.

United Council of UW Student Groups - Call for

Call from United Council for UW System Brochure, p. 18

It was reported by Regent Flores that Mr. Don Parker, representing United Council, appeared before the Education Committee to reiterate his support for the minority/disadvantaged programs report and to present a resolution asking that the Board of Regents direct publication of a brochure to be made available to all members of the university community, which would outline the commitment of the UW System to educational opportunities, describe the nature of campus racism and discuss the rights and responsibilities of all members of the university community. The committee forwarded the resolution to Vice President Trani and asked that he make recommendation at the next meeting.

Regent Flores presented Resolutions 5096, 5097 and 5098, which were approved by the Education Committee in closed session.

Wisconsin Distinguished Professorships: UW-Madison; UW-Milwaukee

Adoption by the Board of Regents of Resolution 5096 was moved by Regent Flores, seconded by Regent Jarvis and unanimously carried.

WIS
Professorships, Distinguished - Named:

Resolution 5096: That, upon recommendation of the Chancellor of the University of Wisconsin-Madison and the President of the University of Wisconsin System, Michael P. Doyle, Professor of Food Microbiology and Toxicology, College of Agricultural and Life Sciences, be designated Wisconsin Distinguished Professor of Food Microbiology and Toxicology, College of Agricultural and Life Sciences, University of Wisconsin-Madison, effective January 1, 1989;

Doyle and

upon recommendation of the Chancellor of the University of Wisconsin-Madison and the President of the University of Wisconsin System, John R. Conrad, Conrad, Professor of Nuclear Engineering and Engineering Physics, College of Engineering, be designated Wisconsin Distinguished Professor of Nuclear Engineering and Engineering Physics, College of Engineering, University of Wisconsin-Madison, effective January 1, 1989;

Conrad, UW-Madison

and

upon recommendation of the Chancellor of the University of Wisconsin-Milwaukee and the President of the University of Wisconsin System, S. H. Chan, Professor, Mechanical Engineering, College of Engineering and Applied Science, be designated Wisconsin Distinguished Professor of Mechanical Engineering, College of Engineering and Applied Science, University of Wisconsin-Milwaukee, effective January 1, 1989;

and

UW Milwaukee - Staff -
WIS, Distinguished
Professors S.H. Chan and
William A. Raabe
named, R 5096,
pp 18-19

upon recommendation of the Chancellor of the University of Wisconsin-Milwaukee and the President of the University of Wisconsin System, William A. Raabe, Raabe, Professor of Business, School of Business Administration, be designated Wisconsin Distinguished Professor of Business, School of Business Administration, University of Wisconsin-Milwaukee, effective January 1, 1989.

UW-Milwaukee

R 5096,
PP 18-19

WIS
Professorships, Distinguished

Kress Family Wisconsin Distinguished Professorship, UW-Madison

Regent Flores moved and Regent Jarvis seconded the following resolution which was adopted unanimously by the Board of Regents:

Resolution 5097: That, upon recommendation of the Chancellor of the University of Wisconsin-Madison and the President of the University of Wisconsin System, the status of Urban Wemmerlev, Wisconsin Distinguished Professor, School of Business, be changed to the Kress Family Wisconsin Distinguished Professor, School of Business, University of Wisconsin-Madison, effective immediately.

named,
R 5097,
p. 19

Professorship -

Named Professorship, UW-Madison

Upon motion by Regent Flores, seconded by Regent DeLong, Resolution 5098 was adopted unanimously by the Board of Regents.

Resolution 5098: That, upon recommendation of the Chancellor of the University of Wisconsin-Madison and the President of the University of Wisconsin System, the status of Ali A. Seireg, Professor of Mechanical Engineering, College of Engineering, UW-Madison, be changed to the Elmer R. and Janet A. Kaiser Professor of Mechanical Engineering, College of Engineering, UW-Madison, effective immediately.

named, R 5098, p. 20

Faculty - *Retention discussed, p. 20*

Regent Gundersen called attention to news reports that one of the UW System's most outstanding biochemists might leave Wisconsin because his spouse could not find a position in Madison.

Chancellor Shalala said that she personally had spoken with Professor DeLuca, and that everything possible was being done to retain him. His spouse had been offered a position for which she had previously applied at UW-Madison in the School of Pharmacy.

- - -

REPORT OF THE BUSINESS AND FINANCE COMMITTEE

Regent President Schilling reported for the committee and noted that all regents were invited to participate in discussion of and action on the first four agenda items.

Budget -

Approval of the 1989-91 Biennial Operating Budget including Competitive Faculty and Academic Staff Catch-Up Salary Adjustments and Statutory Language Proposals, R 5099, pp 20-29

President Shaw outlined the major issues of the 1989-91 biennial operating budget, the top priority being faculty and academic staff catch-up pay and a competitive pay plan. During the current biennium, faculty and staff received only 2 percent pay adjustments in each year. Competitive increases would have been in the 5-6 percent range for each year, resulting again in a need for catch-up. The budget requested fewer GPR positions than any budget since 1975 and was the second lowest GPR program request in constant dollars since merger. Although the programmatic increase over the current biennium was less than 2 percent, the budget contained a number of important initiatives:

xref Compensation - (same)

xref Salaries - (same)

- * Improving minority/disadvantaged programs;
- * Meeting inflationary costs and effects of dollar devaluation in library materials, and supply and equipment budgets;
- * Improving computer availability and access for students;
- * Providing drug and alcohol counseling;
- * Strengthening graduate business programs;
- * Moving forward with centers of excellence;
- * Initiating development of statewide networks to interconnect the campuses; and
- * Increasing the ability to contribute to the state's economic development.

The budget request could be divided into thirds: one third for the compensation package, one third for program requests, and the remaining third for technical adjustments.

It was pointed out that, while program revenue expenditure estimates for federal and other contracts, for auxiliaries, hospitals, and UW-Extension were included, approval of these requests would not constitute approval of rate increases. Actual fees and rates would be approved as part of the annual budget process in July.

A number of chancellors and a representative from the State Department of Agriculture spoke on various components of the biennial budget. Representatives from three groups gave testimony on compensation issues, and representatives from student groups spoke about the effects on students of certain aspects of the biennial budget.

Five amendments to the original resolution were proposed by Regent Lyon and approved in committee. The amended resolution was not acted upon by the committee but, by unanimous consent, was moved forward for action by the Board of Regents at this meeting.

The following resolution was moved by Regent Jarvis and seconded by Regent Weinstein:

That, upon recommendation of the President of the University of Wisconsin System:

the operating budget request increases for Program Requests, Costs to Continue, Technical Items and other Program Revenue Funded Items as outlined in I.2.a., as amended, be approved for submission to the Governor, Department of Administration and the Legislature:

GPR	\$ 70,160,300
Academic Fees/Tuition	<u>25,228,700</u>
Sub-Total GPR/Fees	\$ 95,389,000
Other Program Revenue	<u>167,340,100</u>
TOTAL INCREASE	\$262,729,100

the proposed budget increases needed to adjust the salaries of faculty and academic staff to competitive levels under current market conditions, as outlined in I.2.a., as amended, (Decision Item Narrative #1), be approved for submission to the Governor, Department of Administration, and the Legislature:

GPR	\$ 33,278,700
Academic Fees/Tuition	<u>14,359,400</u>
Sub-Total GPR/Fees	\$ 47,638,100
Other Program Revenue	<u>14,230,100</u>
TOTAL INCREASE	\$ 61,868,200

for a total biennial budget request of:

GPR	\$103,439,000
Academic Fees/Tuition	<u>39,588,100</u>
Sub-Total GPR/Fees	\$143,027,100
Other Program Revenue	<u>181,570,200</u>
TOTAL INCREASE	\$324,597,300

which would provide for a total 1989-91 budget level of \$3,864,731,700, as shown in the attached table.

Regent Weinstein noted that the intent of amendments in committee regarding academic staff catch-up pay had been for academic staff to receive the same percentage increase as faculty, but that the amendment affecting category A staff had reduced the amount by about a million dollars below the faculty increase percentage. To restore that equity, he moved that the \$1,309,500 in catch-up pay for deans be removed from the budget and that a million dollars of that be used for category A academic staff.

The motion was seconded by Regent Jarvis.

At the request of Regent DeLong, the question was divided.

It was moved by Regent Weinstein and seconded by Regent Jarvis that the funding for catch-up increases earmarked for deans be removed from the budget. This was to be followed by a motion to add one million dollars of that amount to catch-up pay for category A academic staff.

At the request of Regent Fish, President Shaw stated his view of the motions. His reaction to restoring the dollars for academic staff was favorable, on the basis of equity and in view of the fact that they had a market-based need higher than other groups. Rather than taking the needed funds from catch-up pay for deans, his preference was to take it from the computer access request, because he felt the catch-up funds for deans were needed to make their salaries competitive.

In response to a question by Regent Weinstein, President Shaw indicated that, although deans occupied administrative positions, they were tenured members of the faculty and historically had been treated as faculty in terms of pay raises.

Regent Weinstein commented that he had not seen a study that showed deans as being underpaid.

President Shaw indicated that studies last spring showed the most underpaid personnel to be chancellors, vice chancellors and vice presidents. Deans also were not paid competitively, although the differential was not as great as for the other groups.

Regent Fish offered a substitute amendment to restore catch-up funds for category A academic staff to 3.6 percent, as proposed by Regent Weinstein, and to take the necessary funds from the computer access request, as proposed by President Shaw.

The substitute amendment was seconded by Regent Hanson.

Regent Clusen pointed out that the computer access request already had been reduced by \$1.6 million in action at the committee meeting.

While it was difficult for him to suggest cuts in any programmatic area, since the budget proposal was modest, President Shaw said he would prefer to take the needed funds from the computer line than from other areas. The only other line that had sufficient dollars was supplies and equipment, which he considered to be a higher priority.

- Vice President Lyon presiding -

Speaking in opposition to the motion, Regent Schilling explained that an important rationale for the amendment that reduced funding for category A academic staff was not a belief that they did not require catch-up increases, but rather the belief that not all category A staff were in the same competitive situations as faculty and category B staff. It was based on the assumption that about 30 percent of category A staff did not compete in a national market.

Regent Fish commented that, in addition to competitiveness, consideration should be given to the element of fairness. If decisions were based on competitiveness only, one would have to take into account the fact that there was little competitive demand for professors in certain disciplines. The absence of national competition in a specific area did not indicate to him that the area should be overlooked.

Regent Schilling remarked that the premise was not that everyone would be entitled to a 3.6 percent increase. His rationale in supporting the funding reduction for category A staff was that there still would be a significant pool of money available, and the institutions would decide which staff needed catch-up funds.

Regent Weinstein commented that if market competitiveness were not considered the basis of equity, faculty catch-up increases would never be granted. The problem, he felt, occurred with those categories of staff who were in a state or local market rather than a national market. In those cases, the university was competing with state government and the private sector for people with the same skills; and he did not think they should be paid more by the university than they would receive in those other sectors.

- President Schilling presiding -

Regent Lyon observed that what was being debated was a very small part of a \$52 million request and that the figures were not definite, since any number of personnel changes could be expected before next July when the money would be distributed. His reason for proposing the budget amendments to reduce the amount of catch-up pay for academic staff was that he did not think academic staff should receive a greater increase than faculty. While his intent had been to provide a level of equity, the actual figures now indicated that the amount for Category A staff had been reduced somewhat below the faculty level.

At the request of Regent Doughty Luckhardt, the question was divided.

On a voice vote, catch-up funding for Category A academic staff was restored to a 3.6 percent increase.

- Vice President Lyon presiding -

Regent Schilling stated concern that further reduction in the computing request would have a disproportionate impact on the comprehensive universities, while the research request, most of which would go to the doctoral campuses, remained untouched. He asked for President Shaw's reaction to taking part of the needed \$1 million from research funding.

President Shaw concurred that half of the \$1 million might be taken from the computing request and half from the research request. He would be reluctant to take more than that from research because of the potential benefit of these activities to economic development.

As a substitute amendment, Regent Schilling moved that half of the \$1 million be taken from the computing request and half from the research request. The motion was seconded by Regent Jarvis.

Regent Weinstein stated his continuing preference for taking the \$1 million from the catch-up pay allowance for deans, which would have an equitable impact on all institutions.

As a substitute amendment, Regent Fish moved that the President of the UW System be instructed to derive the needed million dollars from the requests for catch-up pay for deans, computer access and research, with the amount taken from each area to be determined at his discretion.

The motion was seconded by Regent Hanson for the purpose of discussion.

- President Schilling presiding -

Regent Nikolay stated that he would not vote for any of the amendments offered and did not favor reducing the budget. He thought

sufficient monies should be provided to support the programs which were set forth in the request.

Regent Hanson favored restoring the \$1 million in catch-up pay without taking monies for that purpose from another source.

On a voice vote, the substitute amendment offered by Regent Fish was approved.

Discussion turned to the main motion as amended.

Regent Fish moved that faculty and academic staff catch-up pay for 1989-91 (exclusive of that portion funded from other program revenue) be funded entirely from GPR, as follows:

That, upon recommendation of the President of the University of Wisconsin System:

the operating budget request increases for Program Requests, Costs to Continue, Technical Items and other Program Revenue Funded Items as outlined in I.2.a., as amended, be approved for submission to the Governor, Department of Administration and the Legislature:

GPR	\$ 69,498,600
Academic Fees/Tuition	<u>24,872,600</u>
Sub-Total GPR/Fees	\$ 94,371,200
Other Program Revenue	<u>167,340,100</u>
TOTAL INCREASE	\$261,711,300

the proposed budget increases needed to adjust the salaries of faculty and academic staff to competitive levels under current market conditions, as outlined in I.2.a., as amended, (Decision Item Narrative #1), be approved for submission to the Governor, Department of Administration, and the Legislature:

GPR	\$ 48,655,900
Academic Fees/Tuition	<u>0</u>
Sub-Total GPR/Fees	\$ 48,655,900
Other Program Revenue	<u>15,258,300</u>
TOTAL INCREASE	\$ 63,914,200

for a total biennial budget request of:

GPR	\$118,154,500
Academic Fees/Tuition	<u>24,872,600</u>
Sub-Total GPR/Fees	\$143,027,100
Other Program Revenue	<u>182,598,400</u>
TOTAL INCREASE	\$325,625,500

which would provide for a total 1989-91 budget level of \$3,865,759,900, as shown in the attached table.

The motion was seconded by Regent DeLong for the purpose of discussion.

Regent Fish explained that the effect of the amendment would be to reduce tuition about \$4.7 million in the first year, and \$5 million in the second year, and to replace those amounts with general purpose revenues. Resident undergraduate tuition would be reduced approximately \$30 per student. His amendment was not being made to suggest that the \$4.7 and \$5 million would be removed from catch-up pay funding. If the Legislature did not choose to use GPR, it could take funding from other areas of the budget. His primary concern was that tuition was increasing too rapidly--outpacing both inflation and the consumer price index.

While he agreed that tuition was too high, Regent Weinstein feared that the proposed amendment would jeopardize the prospects for catch-up pay. Recalling the difficulty in obtaining catch-up pay in the 1985-87 biennium, he thought it was too much to expect that the Governor and Legislature would not only provide it this time, but also would agree to 100 percent GPR funding. The way to address the tuition problem, in his view, was to discuss the issue with the leadership of state government.

Regent Fish did not agree that the proposal was not pragmatic. He thought the Governor and Legislature were fully prepared to address the issue in whatever way they considered best. Recalling that since he came to the Board of Regents, the share of instructional cost borne by tuition had increased from 23 percent to 32 percent, he observed that, while the regents always stated dedication to maintaining an affordable tuition level, rates continued upward nonetheless. He could not support the increasing share of cost being paid by students.

While he agreed with Regent Fish's philosophy, Regent Flores felt the amendment forced the regents to choose between the students and the faculty. Although he thought the share of GPR funds should be increased, he could not agree that it was practical to request that the entire catch-up package be funded by GPR. Therefore, he intended to vote against the amendment.

President Shaw expressed concern that the amendment would undermine the position that compensation was the highest budget priority. If students were not asked to share in funding that priority, he felt the ability to demonstrate that this was the highest priority would be jeopardized. His willingness to increase tuition for this purpose was based on the judgment that it was in the students' best interest to retain highly qualified faculty and staff.

Regent Clusen commented that the proposal appeared to solve one problem, but created another. She was glad Regent Fish had raised the issue because, although the regents often deplored the student financial burden, the issue was now being brought to the reality of a vote. However, she thought reality had to be faced in another way. If the amendment passed, the Board of Regents might appear heroic to students and their families, but she feared that, to the Legislature, it would appear that the board simply did not understand financial reality. Noting that the regents had not disagreed with President Shaw's identification of compensation as the highest priority, she did not think at this point the

board should take an action which was contrary to that position. Therefore, she stated, with regret, that she could not support the amendment.

Regent Fish stated that it was not his intent to embarrass any member of the board or to have the amendment viewed as a contest between faculty and students. While he recognized that it would not be approved, he had offered it to make a point. Although lip service constantly was given to holding tuition down, there always seemed to be a higher priority when the time came to take action. His amendment only would have reduced the student share of undergraduate costs from 32.2 percent to 31.7 percent. While he agreed that catch-up pay was important, he felt the Board of Regents could not constantly say that every other constituency in the UW System was more important than the body of people for whom it existed.

With concurrence of the seconder of the motion, Regent Fish withdrew his amendment.

Regent Weinstein commented that, in *Planning the Future*, the Board of Regents decided that doctoral campus tuition should be brought to the mid-range of the Big Ten and that this budget request would not bring tuition to that level.

Regent Fish remarked that the *Planning the Future* resolution stated that tuition should be not be higher than the mid-point of the Big Ten. That action, he said, did not imply that tuition should reach the mid-point of the Big Ten. Rather, it was a prohibition against moving beyond the mid-point.

Regent Doughty Luckhardt inquired about the additional GPR positions being requested in the budget.

President Shaw explained that about 20 percent of the 142 positions were in the research and public service area, primarily to promote economic development. Another 20 percent was for alcoholism counseling, consistent with recommendations of the Governor's task force. There were also positions for centers of excellence and computer access, but these numbers would be reduced as a result of the budget amendments which had been adopted. Overall, a 20 percent reduction in GPR positions was expected.

In response to a further question by Regent Doughty Luckhardt, President Shaw indicated that the 300+ positions provided in the last biennial budget had been used for the instructional program, with 20 positions used for financial aid counseling.

Regent Lyon inquired about the number of program-revenue funded positions included in the budget, to which President Shaw replied that there were an additional 89 positions to be funded by program revenues.

Regent Nikolay stated that he was gratified to know others shared his long-expressed opposition to tuition increases. In his view, the solution was for education be considered a statewide obligation of all of the

citizens and for the Legislature to raise enough money to pay for this bare-bones budget without increasing tuition. Therefore, he intended to vote against the budget request.

Regent Weinstein pointed out that United Council's platform set forth 33 percent as an acceptable student share of instructional cost, and that this budget provided for a resident undergraduate student share of 32.2 percent.

At the request of Regent President Schilling, Associate Vice President Sell stated that, with the amendments that had been adopted, the total biennial increase would be \$325,625,500, which would provide for a total 1989-91 level of \$3,865,759,900.

Regent Weinstein noted that, although the total budget was \$3.9 billion, it was important to note that half of that was in program revenues. Because media reports tended to focus on the total number, he considered it inadvisable to consolidate the hospital budget and other program revenues with the GPR/fee request.

Regent President Schilling agreed that it was important to emphasize the point that, of this nearly \$4 billion budget, a relatively small percentage was from tax revenue.

A breakdown of the funding by sources was stated by Associate Vice President Sell as follows: \$1,418,020,700 from GPR, and \$570,652,200 from fees, for a total GPR/fee budget of \$1,988,672,900. The other \$1,877,087,000 was from program revenue funds. These numbers, she added, did not take into account the \$1 million funding shift made at this meeting.

On a roll call vote, the following revised resolution was adopted by the Board of Regents, with Regents Clusen, Flores, Gerrard, Gundersen, Hanson, Jarvis, Lyon, Schilling and Weinstein voting "Aye" (9) and Regents DeLong, Doughty Luckhardt, Fish and Nikolay voting "No" (4):

Resolution 5099: That, upon recommendation of the President of the University of Wisconsin System:

the operating budget request increases for Program Requests, Costs to Continue, Technical Items and other Program Revenue Funded Items as outlined in I.2.a., as amended, be approved for submission to the Governor, Department of Administration and the Legislature:

GPR	\$ 69,498,600
Academic Fees/Tuition	<u>24,872,600</u>
Sub-Total GPR/Fees	\$ 94,371,200
Other Program Revenue	<u>167,340,100</u>
TOTAL INCREASE	\$262,729,100

the proposed budget increases needed to adjust the salaries of faculty and academic staff to competitive levels under current market conditions, as outlined in I.2.a., as amended, (Decision Item Narrative #1), be approved for submission to the Governor, Department of Administration, and the Legislature:

GPR	\$ 34,021,300
Academic Fees/Tuition	<u>14,634,600</u>
Sub-Total GPR/Fees	\$ 48,655,900
Other Program Revenue	<u>15,258,300</u>
TOTAL INCREASE	\$ 63,914,200

for a total biennial budget request of:

GPR	\$103,519,900
Academic Fees/Tuition	<u>39,507,200</u>
Sub-Total GPR/Fees	\$143,027,100
Other Program Revenue	<u>182,598,400</u>
TOTAL INCREASE	\$325,625,500

which would provide for a total 1989-91 budget level of \$3,865,759,900, as shown in the attached table, subject to such changes as the President must make, from within the Deans' catch-up, computer access, and research and public service requests, to request academic staff catch-up compensation at the same percentage as faculty.

(A copy of the table is attached as EXHIBIT C.)

- Vice President Lyon presiding -

Compensation

Approval of 1989-91 Faculty and Academic Staff Compensation Plan, R 5100,

Regent Schilling reported that Matthew Zeidenberg, co-president of the UW-Madison Teaching Assistants' Association asked the regents to include graduate assistants in the pay plan request. In order to avoid any possibility of an unfair labor practice, no discussion was held. Resolution 5100 was unanimously approved in committee. PP 29-30

Adoption by the Board of Regents of the following resolution was moved by Regent Schilling, seconded by Regent Nikolay and carried, with Regent DeLong voting "No."

Xref Salaries - (same)

Resolution 5100: That, upon recommendation of the President of the University of Wisconsin System, The Board of Regents endorses the attached request to the Secretaries of the Department of Employment Relations and the Department of Administration for a 1989-91 competitive pay plan for faculty and academic staff and approves the following recommendation:

A salary plan of at least six percent each year of the 1989-91 biennium, in addition to catch-up salary requests in the 1989-91 operating budget, in order to maintain the competitive position of faculty and academic staff with peer institutions in the 1989-91 biennium.

Budget

95-103.7% Base Budget Exercise

R 5101, p. 30

Upon motion by Regent Schilling, seconded by Regent Nikolay, the following resolution, which was unanimously approved in committee, was adopted unanimously by the Board of Regents.

Resolution 5101: That, in response to the request by the Department of Administration, the memo entitled 95-103.7% Base Budget Reduction Contingency Plan, be received by the Board of Regents and approved for transmittal to the Department of Administration as directed by the manual for preparation of executive budget requests, dated June 6, 1988, from the Secretary of the Department of Administration.

Budget

Allocation of the Remaining 25 FTE Instruction Positions

R 5102, p. 30

Regent Schilling moved adoption of Resolution 5102, which was unanimously approved in committee. The motion was seconded by Regent Nikolay and adopted unanimously by the Board of Regents.

Resolution 5102: That, upon recommendation of the President of the University of Wisconsin System, the Board of Regents approves the allocation of the remaining 25 instructional FTE released by the Joint Committee on Finance, in accordance with the decision rules outlined in the 1988-89 Operating Budget and Fee Schedules, July 1988.

Approval of Gifts, Grants and U.S. Government Contracts

Upon motion by Regent Schilling, seconded by Regent Fish, Resolution 5103, which was unanimously approved by the Business and Finance Committee, was adopted unanimously by the Board of Regents.

Resolution 5103: That, upon recommendation of the President of the University of Wisconsin System, the gifts, grants and contracts presented at this meeting (copy on file with the papers of this meeting) be accepted, approved, ratified and confirmed; and that, where signature authority has not been previously delegated, appropriate officers be authorized to sign agreements.

Audits -

Report on Foundation Accounts as result of LAB recommendation, R 5104, pp 31-32

Regent Schilling summarized committee review of the report which resulted from the Legislative Audit Bureau's recommendation that the UW System study financial relationships between system institutions and their foundations. The purpose was to determine whether any state funds had been deposited inappropriately to a foundation.

X reg v foundation - (same)

System Administration was in the process of reviewing with the institutions the reports submitted, to ensure that all situations had been identified and appropriate action had been taken. A letter had been sent to the institutions, summarizing the activity reported and requesting the chancellor to submit a positive confirmation that all funds appropriately belonging to the state had been identified. The results were to be compiled for submission to the Joint Committee on Audit by November 30 and were to be distributed to the regents prior to submission. The committee unanimously approved Resolution 5104.

It was moved by Regent Schilling moved and seconded by Regent Hanson that the following resolution be adopted by the Board of Regents.

Resolution 5104: That, upon recommendation of the President of the University of Wisconsin System, the report on University/Foundation Relationships be accepted and, that upon completion of the System Administration review, the report, along with information on funds transferred from foundation accounts to the State Treasury, be forwarded to the Legislative Joint Committee on Audit by November 30, 1988.

In response to a question by Regent Nikolay, Regent Schilling noted that there had been a situation in Stevens Point in which a routine practice involved some funds that might have been construed as state dollars going to the UW-Stevens Point Foundation. As a result, the Legislative Audit Committee asked if there might be similar practices at other institutions.

Put to the vote, Resolution 5104 was adopted unanimously by the board.

Report on 1988-89 Enrollment Management - 1988-89 report, pp 32-35

The Business and Finance Committee had unanimously voted to move this report to today's meeting of the Board of Regents.

President Shaw noted that enrollment management was designed to reduce FTE enrollment in the system by 7,000 students over a four-year period, with reductions occurring in units of 1,500 per year for the first two years and 2,000 per year for the second two years. The original plan included growth at UW-Green Bay, UW-Parkside, UW-Superior and the UW Centers. By 1991, those institutions were to increase FTE enrollment by 1,755. The remaining 10 institutions were targeted to reduce enrollments by a total FTE number of 8,755, with larger proportionate reductions occurring at UW-Madison and at UW-Milwaukee.

Summarizing the report on results after the second year of enrollment management, President Shaw said that of those institutions targeted to grow, UW-Green Bay, UW-Parkside and the UW Centers had grown beyond enrollment management expectations. UW-Superior came within one percent of its targeted enrollment--22 FTE below the goal. Increases of 322 at UW-Green Bay and 405 at the UW Centers were far beyond expectations.

For those institutions scheduled to decrease enrollment, both UW-Madison and UW-Milwaukee were on target, with UW-Milwaukee being 103 students below their goal. The other institutions ranged from being almost on target--UW-Whitewater, UW-Oshkosh and perhaps UW-La Crosse (for which information was still being obtained), to being within one percent of the goal--UW-Platteville and UW-River Falls, to being beyond one percent of the target--UW-Eau Claire, UW-Stevens Point and UW-Stout.

By this time, the UW System was to have reduced enrollment by 3,000, but had fallen 1,292 short of that goal.

Of these 1,292, over 700 resulted from institutions targeted to increase enrollment doing so faster than anticipated. The remaining 550 were mainly attributable to a change in retention rates that had made predicting enrollment more difficult.

In attempting to manage enrollment, an estimate first was made of how many existing students would return, using figures from previous years to calculate percentages of return and attempting from those to project the expected percentage of return in a given year. Once a continuing student enrollment had been estimated, it could be determined how many new students--new freshmen, transfer students and special students--could be admitted to attain the expected enrollment.

The three campuses that were more than one percent over their targets had done very well in obtaining the expected number of new students. However, continuing student enrollment had exceeded estimates. While this increased retention was good news, it made enrollment management more difficult. The reasons for this phenomenon might include the following: First, higher admission standards could be expected to have resulted in a stronger student body; second, students appeared to be continuing because of concern that they might not be readmitted due to tighter policies; and third, there seemed to be a tendency for students to take their studies more seriously. Each year, enrollment management was expected to become a greater challenge because new factors would continue to be introduced.

As to whether the 1991 target would be met, President Shaw said every effort would be made to reach the goal, learning from the experience of this year and next year.

Regent President Schilling asked the chancellors of institutions with enrollments above their targets to comment on what had happened last year and how the problem would be addressed next year.

Chancellor Sorensen said UW-Stout had taken two immediate steps, the first being to reduce the number of students to be admitted for the spring semester. For next fall, the number of new students would be reduced quite dramatically to accommodate the new retention rates. With these changes, he was confident that UW-Stout would meet its target.

In response to a question by Regent Weinstein, Chancellor Sorensen indicated that the problem in estimating continuing students occurred because those students did not reapply, but simply returned in the fall. While pre-registration helped in making estimates, there was no process by which students were required to state whether or not they would return.

Vice Chancellor Fleming explained that UW-Eau Claire's complete overage had been caused by retention of 270 more students than expected. For next year, admission standards had again been raised, so that only students from the top 40 percent of the graduating class would be accepted automatically, rather than those in the top 50 percent. Others would be placed in a discretionary pool. Acceptance of new freshmen for second semester already had been cut off, which would reduce the survival rate for next fall. Next year, a freshman class of only 2,000 would be accepted, which was about 12.7 percent below the freshman class of this year--a difference of 277 students.

Chancellor Marshall explained that UW-Stevens Point experienced a great increase in retention--342 over the anticipated number of continuing students. Unlike the system as a whole, there was not only an increase in retention from the freshmen to sophomore year, but also from the sophomore to junior and junior to senior years. To address the problem, the university put stricter requirements on transfers, on return of former students, and on new freshmen admissions. New freshmen enrollments were

closed except for those in the top ten percent of their high school class. By taking those actions, the actual number of students was reduced to within 40 of the target. What was not controlled was the mix of part-time and full-time students, and the FTE number increased by 207. Higher requirements were being instituted for students admitted in the second semester, for transfers and for new freshmen. It was anticipated that the university would come much closer to its target next year.

Regent Weinstein asked if it was true that, as admission standards were raised, retention rates also could be expected to increase.

In reply, Chancellor Marshall indicated that was true and was anticipated, but the retention rate increased more than expected.

Regent Schilling commented that effective enrollment management was essential to the UW System's future. To the extent that those efforts failed, tuition would continue to be driven higher.

Regent Hanson thought the basic reason for capping enrollment was lack of faculty to teach beginning students. Therefore, what was occurring was what had been intended. With enrollment control in the freshman and sophomore years, better use would be made of faculty in teaching upper level students.

Regent Weinstein recalled that the faculty/student ratio had been considered unacceptable, and that the solution had been to increase the number of faculty and decrease the number of students. While more instructional positions were obtained, that gain was to be accompanied by a 7,000 overall reduction in enrollment.

In response to a question by Regent Weinstein, President Shaw indicated that in the first year of enrollment management, the goal had been a reduction of 1,500, and the actual reduction was 2,200. By this year, the total reduction should have been 3,000 but instead was 1,800. His expectation was that next fall's figures would be closer to target, but there would remain some element of uncertainty due to the difficulty in predicting behavior.

While he recognized the complexity of the matter, Regent Weinstein observed that the image of having failed created a credibility problem with the Legislature. In response to the expressions of need in the budget request, it would be noted that self-help measures had not been fully implemented. He agreed, therefore, with President Schilling's comment that failure to reach the goal would be a very serious problem.

While he agreed that achieving the goal was important, Regent Fish felt it should be recognized that there always would be variations among campuses because of the difficulties which had been stated. He noted that there had been significant progress in many areas of enrollment management, although the numbers on all campuses were not exactly what had been planned. At this point, he considered it too early to judge the effort to be either a success or a failure.

Regent Schilling did not think there was an expectation that all numbers would be reached precisely as planned. The concern was that, with two years of the plan elapsed, approaches would have to be much more drastic to accomplish the goal in the final two years.

Legal -

→ Report on Legal Services in the UW System, p. 35

Regent Schilling reported that the Business and Finance Committee was advised by Executive Vice President Lyall that the purpose of this interim report was to indicate the number and placement of lawyers in the UW System. She stated that there currently was an informal policy that when an institution sought to hire house counsel, it must consult with the General Counsel for the UW System before making an appointment. Because of the necessity for the System General Counsel to coordinate the activities of attorneys throughout the system and to bring important legal issues and pending litigation to the Board of Regents for review, the "Guidelines and Reporting Procedures for Legal Affairs" were being prepared. The main purpose for the guidelines was to formalize existing practices and procedures. In addition to policies and procedures, committee discussion indicated the wish to look at how legal services were being delivered throughout the system, so that the Board of Regents could consider how legal services might be delivered more effectively and in a more unified manner.

Authorizations to Recruit -

→ Authorization to Recruit: Vice Chancellor for Legal and Executive Affairs, UW-Madison R. 5005, p. 35-36

Chancellor Shalala assured the Business and Finance Committee that the person selected for this position would review the existing UW-Madison Administrative Legal Services Office to determine if current staffing levels were necessary. It was also understood that the new position would have to fit into the UW System legal services structure resulting from the study now in progress, and that this vice chancellor, like other campus attorneys, would report to and coordinate with the System General Counsel. The committee unanimously approved Resolution 5105.

Chancellors - (same, but add "UW-Madison")

At the board meeting, Resolution 5105 was moved by Regent Schilling and seconded by Regent Nikolay.

Resolution 5105: That, upon the recommendation of the Chancellor of the University of Wisconsin-Madison and the President of the University of Wisconsin System, the request of the Chancellor to recruit for a Vice Chancellor for Legal and Executive Affairs, University of Wisconsin-Madison, be approved.

Regent Weinstein asked if this position would set a precedent for creating vice chancellor for legal affairs positions on other campuses.

Replying that he did not view it as a precedent, President Shaw added that the UW-Madison situation was unique in the complexity of legal issues, resulting in large part from the institution's extensive research mission.

Regent Flores questioned the appropriateness of having the vice chancellor for legal affairs report to the System General Counsel.

Regent Schilling explained that the reference to reporting related to communication and coordination on issues that might arise, rather than a supervisory relationship. In addition, the General Counsel would consult with a chancellor as to whether a lawyer should be employed and who should be selected. While it was not a relationship of direct control, it was an important authority of the General Counsel to make campus lawyers responsible for keeping him informed and coordinating with him.

Put to the vote, Resolution 5104 was adopted unanimously by the board.

Report of the Vice President for Business and Finance

Auxiliaries - Chargeback of Centralized Services to Auxiliaries, p. 36

Vice President Poellnitz noted that the Business and Finance Committee had been advised at the February meeting of the difficulty in arriving at a consensus policy on the chargeback of centralized services to auxiliaries. A revised policy had been reviewed by the chancellors, students and United Council, but more time was needed to arrive at a policy that all affected parties could accept. System Administration was to report to the committee in March 1989 on progress made toward resolving the outstanding issues and the timetable for completing the policy.

Budget - → Lapse of Funds to the State, p. 36

Mr. Poellnitz advised the committee that the UW System lapsed \$4.3 million of GPR funding at the end of 1987-88. The major components of the lapsed balances included \$3 million for utilities and heating and \$1 million for fringe benefits. Unused funding for these two items must lapse in accordance with state regulations.

In discussion at the Board of Regents meeting, Regent Nikolay asked if there were likely to be extra dollars in the 1989-91 budget for fringe benefits.

President Shaw replied that there probably would be such extra funds. Fringe benefits were formula-driven, and it was not uncommon to lapse unused portions.

Regent Fish added that he would be reluctant to reduce those amounts in the budget because it would be difficult to obtain special funding for any shortage.

Current Reserves

The committee was informed that the UW System carried forward \$15.6 million in the program revenue portion of the GPO pool. Of this amount, \$13.6 million would be used to support 1988-89 institutional budgets, while \$.7 million would be used for future fiscal years. The systemwide reserve for revenue shortfall and other contingencies was \$1,356,000.

- President Schilling presiding -

UNFINISHED OR ADDITIONAL BUSINESS

~~Regent Meetings -~~
Scheduling of December Meeting, p. 37

President Schilling noted that at the October meeting, the board voted to schedule a hearing on a dismissal recommendation from 10:00 a.m. to 12:00 Noon on Thursday, December 8. In order to give the regents adequate time for consideration of the capital budget, he suggested that the hearing could be advanced to an earlier time. In October, it was decided to allow each party 30 minutes for oral argument, with time after that for the board to deliberate. If the hearing were to begin at 9:00 a.m., it could be concluded in time for the capital budget session to begin at 11:00 a.m. or earlier, depending on the amount of time needed for deliberation.

Regent Fish noted that the time set for the Physical Planning and Development Committee meeting was important since, under the open meeting law, the meeting could not start earlier than that time, but could start later. He suggested that an hour and 15 minutes be allowed for the hearing and deliberation, with the understanding that the session might take longer.

Regent Weinstein suggested that any agenda items not considered urgent should be deferred, so that there would be ample time for the capital budget and other matters which had to be considered in addition to the hearing.

Regent Schilling asked unanimous consent to schedule the hearing from 9:00 a.m. to 10:15 a.m. and to so advise the parties, with the understanding that the hearing would last as long as necessary. Unanimous consent was granted.

At 12:15 p.m., the following resolution, moved by Regent Lyon, and seconded by Regent Weinstein, was unanimously adopted on a roll call vote, with Regents Clusen, DeLong, Doughty Luckhardt, Fish, Flores, Gundersen, Hanson, Jarvis, Nikolay, Schilling and Weinstein voting "Aye" (11), and no regents voting "No."

Resolution 5106: That the Board of Regents recess into closed session to consider salary matters, as permitted by s. 19.85(1)(c), Wis. Stats.; for possible action on appointments to the UW-Whitewater Board of Visitors and Council of Trustees of the UW Hospital and Clinics, as permitted by s. 19.85(1)(f), Wis. Stats.; and to confer with legal counsel, as permitted by s. 19.85(1)(g), Wis. Stats.

CLOSED SESSION ACTIONS

The board arose from closed session at 12:35 p.m. and made the following announcements:

UW-Whitewater - Board of Visitors - Appointments ending 6/30/91
Resolution 5107: That, upon the recommendation of the UW-Whitewater

Chancellor and the President of the University of Wisconsin System, the following appointments be made to the UW-Whitewater Board of Visitors for terms ending June 30, 1991:

- Dr. Thomas Gobel, ~~Fort Atkinson~~
- Dr. John Negley, ~~Whitewater~~
- Mr. Tom Neshek, ~~Eichhorn~~
- Mr. Eric Petermann, ~~Delavan~~ and
- Mrs. Judith Whalen, ~~Madison~~, and

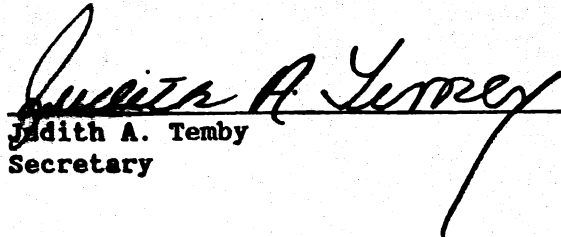
~~And that Mrs. Marge Oberle, Whitewater, be appointed to fill an unexpired term ending June 30, 1990.~~
6/30/90;

Mrs. Marge Oberle, Whitewater
R 5107, p. 38

Hospital Council of Trustees

Resolution 5108: That, upon recommendation of the UW-Madison Chancellor and the President of the University of Wisconsin System, Ms. Eloise Anderson be appointed ~~as~~ public member of the Council of Trustees of the UW Hospital and Clinics to complete a term ending in August 1990, R 5108, p. 39

The meeting was adjourned at 12:35 p.m.



Judith A. Temby
Secretary

November 30, 1988

0178X

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

EXTENSION AND PUBLIC SERVICE

1. WISCONSIN CROP IMPROVEMENT ASSOC.
MADISON, WI
CEREAL MANAGEMENT
MSN AG&LSC AGRONOMY (133-K393) 2,000.00
2. BRILLION IRON WORKS, INC.
BRILLION, WI
MECHANICAL SCIENCES 4-H
MSN AG&LSC AG ENGINEERING (133-L132) 150.00
3. UNITED NATIONS HIGH COMMISSIONER FOR REFUGES
GENEVA, SWITZERLAND
UNHCR EMERGENCY MANAGEMENT TRAINING PROGRAM-1988
FOR THE PERIOD 01-01-88 THRU 12-31-88
AWARD # 88/AP/VAR/LS/9/OV
MSN ENGR ENGR PRFSNL DVLP (133-M560) 25,000.00
4. UNITED NATIONS HIGH COMMISSIONER FOR REFUGES
GENEVA, SWITZERLAND
TRAINING MODULE PRODUCTION
FOR THE PERIOD 09-01-88 THRU 12-31-88
AWARD # 88/AP/VAR/LS/5/OV/(A)
MSN ENGR ENGR PRFSNL DVLP (133-N470) 39,809.00
5. GOVERNMENT FINANCE OFFICERS ASSOCIATION
CHICAGO, IL
SUPPORT PROGRAMS OF THE DEPARTMENT OF BUSINESS AND
MANAGEMENT
MSN BUS MANAGMENT INSTIT (133-4539) 2,250.00

GIFT-IN-KIND

1. BKM, INC.
SAN DIEGO, CA
HIGH SPEED SOLENOID VALVES, VALVE DRIVERS AND
MOUNTING BLOCKS
MSN ENGR MECHANICAL ENGR
2. TANDEM PRESS
MADISON, WI
PRINTS: GARO ANTREASIAN, UNTITLED: CHAM HENDON,
MUSINGS; SONDR FRECKELTON, ALL OVER RED: SAM
GILLIAM, PURPLE ANTELOPE SPACE SQUEEZE; RICHARD
BOSMAN, AWASH AND FLOOD
MSN L&S ELVJM MUSEUM ART
3. RICHARD MAGYAR
EAU CLAIRE, WI
TWO BOOKS FOR THE BUSINESS LIBRARY
MSN LIBR GEN OPERATIONS LIB ACQSTN
4. DIETER BERNINGER
MOORHEAD, MN
19 ISSUES OF FREUDE UND ARBEIT
MSN LIBR GEN OPERATIONS LIB ACQSTN

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

GIFT-IN-KIND

5. MR. RICHARD HUGHES
BROOKLYN, NY
CLOTHING
MSN L&S THEATRE & DRAMA
6. J. I. CASE CO.
HINDSDALE, IL
4-390 DIESEL ENGINE
MSN AG&LSC AG ENGINEERING
7. ISAAC KLEINERMAN
PERUGIA, ITALY
TWENTY-FIVE HOUR LONG EPISODES OF THE 20TH
CENTURY ON 16MM FILM
MSN L&S COMMUN ARTS FLM&THEA R
8. AEROVENT FAN & ENGINEERING CO.
EUCLID, OH
CUSTOMIZED CENTRIFUGAL FAN
MSN ENGR MECHANICAL ENGR
9. HEWLETT PACKARD
PALO ALTO, CA
HP 9000 MODEL 360 WORKSTATIONS & MODEL 835-S
COMPUTER SYSTEM
MSN L&S COMPUTER SCI
10. ROBERT E. HERING
BROOKFIELD, WI
PERSONAL COMPUTER SYSTEM WITH COLOR MONITER
AND ACCESSORIES
MSN GRAD MOLECULAR BIOL
11. FMC CORPORATION
HOOPESTON, IL
HAMACHEK POD STRIPPER COMBINE
MSN AG&LSC HORTICULTURE
12. GREATER MILWAUKEE CHAPT. CPU'S &
HARRY J. LOMAN FOUNDATION
MILWAUKEE, WI
24 VOLUMES FOR BUSINESS LIBRARY
MSN LIBR GEN OPERATIONS LIB ACQSTN
13. SOUTHEASTERN NEUROSCIENCE INSTITUTE, INC.
JACKSONVILLE, FL
BOOK
MSN LAW LIBRARY

INSTRUCTION

1. EDUCATION, DEPT OF
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

INSTRUCTION

- 1) SECRETARY'S DISCRETIONARY PROGRAM: MATHEMATICS
AND SCIENCE PROGRAM
FOR THE PERIOD 10-01-88 THROUGH 09-30-90
AWARD # R168A80111
MSN HS-MED GENET CLIN PROG (144-AQ50) 166,665.00
- 2) NATIONAL RESOURCES CENTER PROGRAM
LATIN AMERICAN AREA STUDIES
(MILWAUKEE PORTION REPORTED IN ERROR 12-11-87)
FOR THE PERIOD 08-15-87 THROUGH 08-14-88
AT A TOTAL COST OF \$83,655.00
AWARD # GO08540509, MOD. 1
MSN L&S SPANISH & PORT IBERO-AMER (144-Z800) 4,990.00-
2. DHHS, PHS, HEALTH RESOURCES AND SERVICES ADMIN
ROCKVILLE, MD
IN SUPPORT OF THE FOLLOWING:
 - 1) UNIVERSITY AFFILIATED PROGRAM
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # MCJ-000915-20-0
MSN GRAD WAISMAN CENTER (144-AK42) 336,234.00
 - 2) UNIVERSITY AFFILIATED PROGRAM -
SURVEY OF TREATMENT PROGRAMS FOR PKU AND OTHER
INHERITED METABOLIC DISEASES IN THE U.S.
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # MCJ-000915-20-1
MSN GRAD WAISMAN CENTER (144-AQ65) 3,192.00
3. THE UPJOHN COMPANY
KALAMAZOO, MI
INSTRUCTION AND TRAINING OF HOUSE STAFF PHYSICIANS
AT THE UNIVERSITY OF WISCONSIN MEDICAL CENTER
MSN HS-MED MEDICINE GASTROENT (133-C433) 500.00
4. MULTIPLE DONORS
WATER RESOURCES MANAGEMENT PROGRAM
DISCRETIONARY FUND
MSN ENV ST INSTRUCTNL PROG INSTR PROG (133-J486) 25.00
5. MULTIPLE DONORS
SLH IMMUNOLOGY TRAINING FUND
MSN HS-HYG IMMUNOLOGY TRNING FND (133-K634) 100.00
6. SANTE FE INSTITUTE
SANTE FE, NM
EMPLOYEE INTERCHANGE AGREEMENT
FOR THE PERIOD 08-29-88 THRU 01-12-89
MSN L&S ECONOMICS (133-N477) 31,934.00
7. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
DELOITTE HASKINS AND SELLS ACCOUNTING FACULTY
ASSISTANCE GRANT
MSN BUS SCH OF BUSINESS (133-6111) 750.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

LIBRARIES

1.	EDUCATION, DEPT OF WASHINGTON, DC IN SUPPORT OF THE FOLLOWING:		
1)	STRENGTHENING LIBRARY PROGRAMS FOR THE PERIOD 10-01-88 THROUGH 12-31-89 AWARD # RO91A80056 MSN LIBR	(144-AQ49)	114,929.00
2)	STRENGTHENING LIBRARY PROGRAMS FOR THE PERIOD 10-01-88 THROUGH 12-31-89 AWARD # RO91A80057 MSN LIBR	(144-AQ51)	77,083.00
2.	MULTIPLE DONORS SPECIAL SUPPORT FOR COOPERATIVE CHILDREN'S BOOK CENTER MSN L&S LIB&INF ST	(133-D098)	165.00
3.	TRACEY (THOMAS M) TRUST AGREEMENT JACKSONVILLE, FL LAW SCHOOL LIBRARY ACQUISITION FUND MSN LAW LAW SCHOOL	(133-F070)	1,767.48
4.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PURCHASE OF LIBRARY MATERIALS AND SUPPLIES MSN LIBR GEN OPERATIONS SUPP & EQ	(133-F543)	305.00
5.	INSTITUTE OF TURKISH STUDIES, INC. WASHINGTON, DC TURKISH LIBRARY PROCUREMENT GRANT MSN G E A INTL STU & PROGS	(133-J619)	500.00
6.	WISCONSIN DEPARTMENT OF PUBLIC INSTRUCTION MADISON, WI WISCONSIN INTERLIBRARY SERVICES (WILS) MSN LIBR WIS INTRLIB SVCS	(133-8791)	5,899.57

MISCELLANEOUS

1.	CONTINENTAL BANK CHICAGO, IL SCHULTE, HELEN D. TRUST SCHULTE, HELEN DENNE--LOAN FUND MSN HS-NUR	(TRUST)	16,567.56
2.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PHYSIOLOGICAL CHEMISTRY--DISCRETIONARY FUND MSN HS-MED PHYSIOLOG CHEM	(TRUST)	250.00
3.	COMPUTER SCIENCES DEPARTMENT FELLOWSHIP #2 MSN L&S COMPUTER SCI	(TRUST)	
	6,800.00 AT&T FOUNDATION HOLMDEL, NJ		
	19,762.00 INTERNATIONAL BUSINESS MACHINES NEW HAVEN, CT		
	15,578.00 AT&T FOUNDATION NEW YORK, NY		\$ 578.00
	UNISYS CORPORATION DETROIT, MI		\$15000.00
			42,140.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

4.	CONTROL DATA CORPORATION MISSISSAUGA, ONTARIO, CANADA COMPUTER SCIENCES DEPARTMENT--FACULTY DEVELOPMENT FUND #2 MSN L&S COMPUTER SCI	(TRUST)	500.00
5.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF BACTERIOLOGY--SEMINAR SPEAKERS FUND MSN AG&LSC BACTERIOLOGY	(TRUST)	2,000.00
6.	INCOME AVAILABLE TO SUPPORT SCHOLARSHIPS FOR UNDERGRADUATE STUDENTS IN ANY MAJOR IN THE SCHOOL OF FAMILY RESOURCES AND CONSUMER SCIENCES. CARLSON, ELLEN M.--HOME ECONOMICS MSN FR&CS FAM RSR&CNSM SC ADMIN	(TRUST)	
7.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MEDICAL MICROBIOLOGY--CHAIRMAN'S DISCRETIONARY FUND MSN HS-MED MED MICROBIOLOGY	(TRUST)	210.00
8.	EARNINGS ON MISC. INVESTMENTS STRAIGHT, EDNA PHELPS--BUILDING TRUST FUND-ESTATE MSN G E A	(TRUST)	50.00
9.	HANCOCK FABRICS, INC. GRAY, NELLE JUNE--ECONOMIC POLICY MSN L&S ADMINISTRATION	(TRUST)	50.00
10.	COBB, MARGARET O'CONNOR ESTATE INDIANAPOLIS, IN TO BE USED FOR GRANTS, SCHOLARSHIPS AND PUBLICATION BY THE UNIVERSITY OF THE NOTES, POETRY AND WRITINGS OF LELAND A. COBB. COBB, LELAND A.--MEMORIAL FUND MSN L&S ENGLISH	(TRUST)	10,000.00
11.	CITIBANK, N.A. NEW YORK, NY WEEKS, LEWIS G. ESTATE WEEKS, LEWIS G. # 2--GEOLOGY AND GEOPHYSICS MSN L&S GEOL & GEOPHYSICS	(TRUST)	60,000.00
12.	PEREGRINE LAW OFFICES S.C. MILWAUKEE, WI EISELMEIER, OTILLIE A. ESTATE EISELMEIER, OTILLIE A.--GERMAN DEPARTMENT MSN L&S GERMAN	(TRUST)	1,850.00
13.	HUI ERH V. & MONG TSENG S. HSIA POTOMAC, MD MILLER, ELIZABETH C.--MEMORIAL FUND MSN HS-MED ONCOLOGY	(TRUST)	100.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

- | | | | |
|-----|--|--------------|------------|
| 14. | SMITH BARNEY
OAKLAND, CA
GRAY, JUNE ESTATE
GRAY, NELLE JUNE--ECONOMIC POLICY
MSN L&S ADMINISTRATION | (TRUST) | 29,622.83 |
| 15. | FIRST CITY NATIONAL BANK OF HOUSTON
HOUSTON, TX
NETTLETON, LEWIS L. ESTATE
NETTLETON, LEWIS L.--MEMORIAL FUND
MSN L&S ADMINISTRATION | (TRUST) | 50,000.00 |
| 16. | FIRST WISCONSIN-MADISON
MADISON, WI
MITCHELL, WILLIAM R. ESTATE
INCOME FOR THE PURCHASE OF ANY NON-PRINT WORK OF
ART FOR THE PERMANENT COLLECTION OF ELVEHJEM.
MITCHELL, WILLIAM R.--ART CENTER FUND
MSN L&S ELVJM MUSEUM ART | (TRUST) | 7,000.00 |
| 17. | EDUCATION, DEPT OF
WASHINGTON, DC
DEVELOPMENT OF AN INTEGRATED SOFTWARE SYSTEM FOR
GRAPHICS BASED COMPUTER SYSTEMS FOR PEOPLE WITH
BLINDNESS
FOR THE PERIOD 10-01-88 THROUGH 03-31-90
AWARD # H18OP80010
MSN ENGR INDUSTRIAL ENGR | (144-AQ82) | 174,225.00 |
| 18. | WI DEPT OF HEALTH & SOCIAL SERVICES
MADISON, WI
PRIME CONTRACTOR WITH DED
INSTITUTE FOR SUPPORTED EMPLOYMENT
FOR THE PERIOD 09-23-88 THROUGH 09-22-89
AWARD # P.O. # FEI15595PO
MSN EDUC CONTIN & VOC ED | (144-AQ73) | 142,890.00 |
| 19. | WI DEPT OF HEALTH & SOCIAL SERVICES
MADISON, WI
PRIME CONTRACTOR WITH DHHS PHS ADAM
PROVISION OF ALCOHOL AND OTHER DRUG ABUSE
PREVENTION AND EDUCATION ACTIVITIES UNDER THE
DRUG FREE SCHOOLS AND COMMUNITIES ACT OF 1986
FOR THE PERIOD 11-16-87 THROUGH 11-15-88
AT A TOTAL COST OF \$51,000.00
AWARD # P.O. #FDI 8904, MOD. 2
MSN HS-MED GENET CLIN PROG | (144-AC60) | 1,000.00 |
| 20. | DHHS, PHS, HEALTH RESOURCES AND SERVICES ADMIN
ROCKVILLE, MD
BLOOD LEAD AND ERYTHROCYTE PROTOPORPHYRIN
PROFICIENCY TESTING PROGRAM
FOR THE PERIOD 10-01-88 THROUGH 09-30-89
AWARD # MCJ-551003-01-0
MSN HS-HYG CONTRACTS VIRUS CNTR | (144-AR34) | 141,807.00 |

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

21. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH
BETHESDA, MD
TO PROVIDE TRAINING AND ORIENTATION
OPPORTUNITIES TO CLINICAL INVESTIGATORS SO
THEY CAN BECOME FAMILIAR WITH THE HUMAN SUBJECTS
PROTECTIONS REGULATIONS
FOR THE PERIOD 10-01-83 THROUGH 10-07-88
AT A TOTAL COST OF \$18,000.00
AWARD # ORDER 263-MD-825166, MOD. 2
MSN HS-MED HUMAN ONCOLOGY EAST COOP (144-W188) 5,000.00
22. WI DEPT OF HEALTH & SOCIAL SERVICES
MADISON, WI
PRIME CONTRACTOR WITH DHHS PHS NIH
EVALUATION SERVICES: WISCONSIN CANCER
CONTROL PROJECT
FOR THE PERIOD 04-01-88 THROUGH 11-30-88
AT A TOTAL COST OF \$5,960.00
AWARD # AGR DTD 06/23/88, MOD. 1
MSN HS-ADM ADMINISTRATION HLTH POLCY (144-AL15) 1,490.00
23. ENVIRONMENTAL PROTECTION AGENCY
CHICAGO, IL
INTERGOVERNMENTAL PERSONNEL ASSIGNMENT AGREEMENT
FOR THE PERIOD 10-01-88 THROUGH 09-30-90
AWARD # AGR DTD 09-20-88
MSN AG&LSC ENVIR RSRCS CTR (144-AQ78) 31,160.00
24. WI DEPT OF TRANSPORTATION
MADISON, WI
PRIME CONTRACTOR WITH TRANS
MARIJUANA TESTING
FOR THE PERIOD 09-01-88 THROUGH 08-31-89
AWARD # 00-88-00-03-69-03
MSN HS-HYG TOXICOLOGY MARIJUANA (144-AQ57) 132,992.00
25. VETERANS ADMIN
MADISON, WI
IN SUPPORT OF THE FOLLOWING:
- 1) 3 INTERGOVERNMENTAL PERSONNEL ASSIGNMENT
AGREEMENTS
FOR THE PERIOD 10-01-87 THROUGH 09-30-89
AT A TOTAL COST OF \$72,065.00
AWARD # AGR DTD 10-01-87, MOD. 1
MSN HS-ADM ADMINISTRATION HLTH POLCY (144-AA97) 36,622.00
- 2) SPECIALIZED MEDICAL RESOURCES-RADIOLOGICAL SERVICE
FOR THE PERIOD 10-01-88 THROUGH 09-30-89
AWARD # V607P-1434
MSN HS-MED RADIOLOGY (144-AQ87) 163,709.00
26. MULTIPLE DONORS
DEPARTMENT OF ANATOMY CHAIRMAN'S DISCRETIONARY
FUND
MSN HS-MED ANATOMY (133-A377) 20.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

27.	UNIVERSITY PEDIATRIC ASSOCIATES MADISON, WI DEPARTMENT OF PEDIATRICS CHAIRMAN'S DISCRETIONARY FUND MSN HS-MED PEDIATRICS	(133-A528)	17,759.25
28.	ELSEVIER NORTH-HOLLAND INC. NEW YORK, NY DEFRAY SECRETARIAL, POSTAGE, TELEPHONE AND SUPPLIES EXPENSES ASSOCIATED WITH THE "LINEAR ALGEBRA AND ITS APPLICATIONS JOURNAL" MSN L&S MATHEMATICS	(133-A751)	1,400.00
29.	DAIRY & FOOD INDUSTRIES SUPPLY ASSOC. ROCKVILLE, MD COLLEGIATE DAIRY PRODUCTS JUDGING TEAM SUPPORT MSN AG&LSC FOOD SCIENCE	(133-B181)	1,000.00
30.	MULTIPLE DONORS SUPPORT GENERAL AGRONOMIC PROGRAMS MSN AG&LSC AGRONOMY	(133-B356)	20.00
31.	MULTIPLE DONORS DISCRETIONARY FUND IN THE DEPARTMENT OF MEDICINE MSN HS-MED MEDICINE CARDIOLOGY	(133-B382)	200.00
32.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PHARMACOHISTORICAL WORK MSN HS-PHR PHARMACY	(133-C130)	135.00
33.	MULTIPLE DONORS DEPARTMENT OF AGRICULTURAL ENGINEERING CHAIRMAN'S DISCRETIONARY ACCOUNT MSN AG&LSC AG ENGINEERING	(133-C852)	100.00
34.	MULTIPLE DONORS DEPARTMENT OF MEDICINE DISCRETIONARY FUND MSN HS-MED MEDICINE ENDOCRINOL	(133-E309)	150.00
35.	NICOLET INSTRUMENT CORPORATION MADISON, WI DISCRETIONARY FUND IN THE DEPARTMENT OF NEUROLOGY MSN GRAD WAISMAN CENTER	(133-E354)	750.00
36.	C.D.O. UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI ADMINISTRATIVE AND CLERICAL SUPPORT STAFF IN THE DEPARTMENT OF NEUROLOGY MSN HS-MED NEUROLOGY	(133-E647)	3,197.82
37.	UNIVERSITY REHABILITATION MEDICINE ASSOCIATES MADISON, WI SUPPORT ADMINISTRATIVE AND CLERICAL SUPPORT STAFF IN THE DEPARTMENT OF REHABILITATION MEDICINE MSN HS-MED REHABIL MEDICINE	(133-E648)	3,900.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

38.	MOBAY CHEMICAL CORPORATION PITTSBURGH, PA UNRESTRICTED GRANT TO THE DEPARTMENT OF CHEMISTRY MSN L&S CHEMISTRY (133-E937)	2,000.00
39.	WISCONSIN FORAGE COUNCIL, INC. MADISON, WI AFFILIATED ORGANIZATION SUPPORT MSN AG&LSC AGRONOMY (133-E980)	5,000.00
40.	UNIVERSITY HOSPITAL INTERNISTS MADISON, WI UNIVERSITY HOSPITAL INTERNISTS' PROGRAM SUPPORT MSN HS-MED MEDICINE (133-F102)	380,000.00
41.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MARKETING DEVELOPMENT MSN BUS SCH OF BUSINESS (133-F512)	7,500.00
42.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI INTERNATIONAL PROGRAMS HEWLETT FUNDS MSN G E A INTL STU & PROGS (133-F809)	10,000.00
43.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF ART DISCRETIONARY FUND MSN EDUC ART (133-G015)	4,000.00
44.	MULTIPLE DONORS PROVIDE TEMPORARY HOUSING FOR PATIENTS AND THEIR FAMILIES MSN HS-HSP ADMINISTRATION ADMIN (133-G047)	6,587.12
45.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI POLITICAL SCIENCE DISCRETIONARY FUND MSN L&S POLITICAL SCI (133-G572)	1,000.00
46.	MULTIPLE DONORS DISCRETIONARY FOR USE OF PHYSIOLOGISTS IN BOTANY MSN L&S BOTANY (133-G608)	261.00
47.	AMERICAN INSTITUTE OF THE HISTORY OF PHARMACY ADA, OH HISTORY OF PHARMACY PROGRAM MSN HS-PHR PHARMACY (133-G642)	185.00
48.	MIDWEST UNIVERSITIES CONSORTIUM FOR INTERNATIONAL ACTIVITIES COLUMBUS, OH INTERNATIONAL TRAVEL AND RELATED ACTIVITIES FOR THE PERIOD 06-24-82 THRU 08-31-89 AT A \$37,000 LEVEL AWARD # AF1017 MSN G E A INTL STU & PROGS (133-G801)	8,000.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

49.	UNRESTRICTED GRANT IN THE DEPARTMENT OF CHEMISTRY MSN L&S CHEMISTRY (133-G952)	500.00 155.00	MULTIPLE DONORS UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI	655.00
50.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHAIRMAN'S DISCRETIONARY ACCOUNT MSN L&S MATHEMATICS (133-G999)			1,500.00
51.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ALUMNI CENSUS MSN AC SVC OFF OF REGISTRAR ADMIN (133-H968)			37,611.00
52.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEAN'S DISCRETIONARY ACCOUNT - MARKETING MSN BUS SCH OF BUSINESS (133-J188)			3,500.00
53.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEAN'S DISCRETIONARY ACCOUNT - REAL ESTATE MSN BUS SCH OF BUSINESS (133-J190)			25,941.25
54.	CHEVRON U.S.A., INC. NEW ORLEANS, LA GRADUATE FIELD PROGRAMS, THESIS AND THESIS SUPERVISION SUPPORT MSN L&S GEOL & GEOPHYSCS (133-J392)			4,000.00
55.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOOL OF LIBRARY AND INFORMATION STUDIES DISCRETIONARY FUND MSN L&S LIB&INF ST (133-J687)			300.00
56.	MULTIPLE DONORS UNRESTRICTED GRANT FOR THE INSTITUTE FOR CHEMICAL EDUCATION MSN L&S CHEMISTRY (133-J716)			1,400.00
57.	MULTIPLE DONORS ENGINEERING MECHANICS DISCRETIONARY FUND MSN ENGR ENGR MECHANICS (133-J724)			812.00
58.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CLINICAL GENETICS PROGRAM DISCRETIONARY FUND MSN HS-MED GENET CLIN PROG (133-J734)			2,500.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

59.	NATIONAL ASSOCIATION OF PROFESSORS OF HEBREW MADISON, WI SECRETARY/TREASURER ASSOCIATION EXPENSES MSN L&S HEBREW & SEM STU	(133-J775)	1,500.00
60.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEAN'S DISCRETIONARY ACCOUNT MSN HS-NUR	(133-J835)	20,000.00
61.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MEDICAL PHYSICS DISCRETIONARY FUND MSN HS-MED MEDICAL PHYSICS	(133-J847)	7,000.00
62.	CONTINUING MEDICAL EDUCATION MSN HS-MED PEDIATRICS	(133-J859)	
	2,500.00 ROSS LABORATORIES COLUMBUS, OH		
	500.00 BRISTOL-MYERS EVANSVILLE, IN		
			3,000.00
63.	MULTIPLE DONORS LECTURE PROGRAM "THE WONDERS OF PHYSICS" MSN L&S PHYSICS	(133-K201)	200.00
64.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ETHEL K. ALLEN GIFT FUND MSN AG&LSC ADMIN-DEAN & DIR	(133-K252)	5,000.00
65.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI O. N. ALLEN GIFT FUND MSN AG&LSC ADMIN-DEAN & DIR	(133-K253)	10,000.00
66.	MULTIPLE DONORS DEPARTMENT OF HORTICULTURE DISCRETIONARY FUND MSN AG&LSC HORTICULTURE	(133-K551)	392.44
67.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BIODYNAMICS LABORATORY EQUIPMENT AND SUPPLY FUND MSN EDUC PHYS ED & DANCE BIODYN LAB	(133-K748)	1,000.00
68.	CIBA-GEIGY CORPORATION SUMMIT, NJ ANXIETY DISORDERS CENTER MSN HS-PSY PSYCHIATRIC INST	(133-K955)	34,170.00
69.	MULTIPLE DONORS AIDS EDUCATION MSN HS-UHS HEALTH SVC-BBC	(133-K995)	60.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

70.	MULTIPLE DONORS MED FLIGHT SPECIAL PROGRAM NEEDS MSN HS-HSP ADMINISTRATION ADMIN	(133-L094)	195.00
71.	DISCRETIONARY FUND IN THE DEPARTMENT OF GEOLOGY AND GEOPHYSICS MSN L&S GEOL & GEOPHYSICS	(133-L104)	
	700.00 CHEVRON, USA NEW ORLEANS, LA		
	700.00 UNION OIL COMPANY OF CALIFORNIA LOS ANGELES, CA		
	700.00 ARCO OIL & GAS CO. DALLAS, TX		
	700.00 EXXON PRODUCTION RESEARCH CO. HOUSTON, TX		
			2,800.00
72.	MEDICAL PRODUCTS GROUP PISCATAWAY, NJ DISCRETIONARY FUND FOR RHEUMATOLOGY RESEARCH MSN HS-MED MEDICINE RHEUMATOL	(133-L429)	1,000.00
73.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOOL OF EDUCATION ALUMNI ACTIVITIES MSN EDUC GENERAL ADMIN DEAN'S OFF	(133-M137)	18,000.00
74.	DOCUMENTARY HISTORY OF THE RATIFICATION OF THE CONSTITUTION MSN L&S HISTORY	(133-M255)	
	625.00 MULTIPLE DONORS		
	2,500.00 NORMAN BASSETT FOUNDATION MADISON, WI		
			3,125.00
75.	AMERICAN CHEMICAL SOCIETY PETROLEUM RESEARCH FUND WASHINGTON, DC JOURNAL OF MEDICINAL CHEMISTRY EDITORIAL EXPENSES MSN HS-PHR PHARMACY	(133-M375)	742.07
76.	AFFILIATED UNIVERSITY PHYSICIANS/CDO MADISON, WI PARTNERSHIP BUSINESS EXPENSES FOR OPERATION OF RADIOLOGY AND NUCLEAR MEDICINE ASSOCIATES MSN HS-MED RADIOLOGY	(133-M530)	5,200.00
77.	UNIVERSITY PSYCHIATRY GROUP C.D.O. MADISON, WI CENTER FOR AFFECTIVE DISORDERS SALARY SUPPORT MSN HS-MED PSYCHIATRY	(133-M651)	13,888.42

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

78.	MULTIPLE DONORS PARENT INFANT SALARIES/EXPENSES MSN HS-PSY PSYCHIATRIC INST	(133-M731)	420.00
79.	INTERNATIONAL DEVELOPMENT PROGRAMS OF AUSTRALIAN UNIVERSITIES AND COLLEGES CANBERRA, AUSTRALIA AUSTRALIAN UNIVERSITIES SHORT TERM TRAINING COSTS OF PHILIPPINE SCHOLARS MSN G E A INTL STU & PROGS	(133-M835)	5,700.00
80.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ARTHUR H. UHL CONFERENCE ROOM FUND MSN HS-PHR PHARMACY	(133-M977)	10,000.00
81.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPT. OF PHYSICAL EDUCATION AND DANCE MSN EDUC PHYS ED & DANCE PHYS EDUC	(133-N058)	6,700.00
82.	WISCONSIN ARTS BOARD MADISON, WI SUPPORT FOR CENTER FOR ARTS ADMINISTRATION PROJECT ASSISTANTS MSN BUS SCH OF BUSINESS	(133-N330)	28,900.00
83.	MADISON CIVIC CENTER MADISON, WI SUPPORT FOR CENTER FOR ARTS ADMINISTRATION MSN BUS SCH OF BUSINESS	(133-N346)	3,500.00
84.	MATCHETTE (FRANKLIN J.) FOUNDATION MINNEAPOLIS, MN UPDATE OF WEINBERG MEMORIAL LIBRARY MSN L&S PHILOSOPHY	(133-N408)	1,000.00
85.	URBAN AND REGIONAL PLANNING STUDENT ACTIVITIES ACCOUNT MSN L&S URBAN & REG PLAN	(133-N411)	
	2,085.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	1,136.00 MULTIPLE DONORS		
			3,221.00
86.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHOU KUO-P'ING BOOK AWARD MSN L&S E ASIAN LANG&LIT	(133-N421)	540.00
87.	MEMORIAL UNION BUILDING ASSOCIATION MADISON, WI MEMORIAL UNION DISCRETIONARY FUND MSN UNION GENERAL	(133-N448)	50,000.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

MISCELLANEOUS

88.	AT & T NEW YORK, NY GRANT FOR ACQUISITION OF A GRAPHIC WORKSTATION FOR USE BY STUDENTS AND TEACHERS MSN L&S PHYSICS	(133-N469)	9,762.00
89.	FORWARD WISCONSIN MADISON, WI LEARNING CENTER'S MINORITY BUSINESS OUTREACH PROGRAM MSN BUS SCH OF BUSINESS	(133-N496)	1,000.00
90.	SCHOOL OF BUSINESS DEAN'S DISCRETIONARY GRANT MSN BUS SCH OF BUSINESS	(133-0179)	
	4,401.00 AMERICAN BANKERS ASSOCIATION WASHINGTON, D.C.		
	3,000.00 MORTGAGE BANKERS ASSOCIATION OF AMERICA WASHINGTON, D.C.		
	650.32 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	2,000.00 GOVERNMENT FINANCE OFFICERS ASSOCIATION CHICAGO, IL		
	15,000.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
	800.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
			25,851.32
91.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOOL OF MUSIC CHAIRMAN'S DISCRETIONARY FUND MSN L&S SCHOOL OF MUSIC	(133-0199)	8,700.00
92.	DOW CHEMICAL U.S.A. MIDLAND, MI CHEMICAL ENGINEERING DEPARTMENT CHAIRMAN'S DISCRETIONARY MSN ENGR CHEMICAL ENGR	(133-3852)	10,000.00
93.	DOW CHEMICAL COMPANY MIDLAND, MI DEPARTMENT OF CHEMISTRY CHAIRMAN'S DISCRETIONARY GRANT MSN L&S CHEMISTRY	(133-5295)	10,000.00
94.	MULTIPLE DONORS CONSORTIUM FOR GRADUATE STUDY IN MANAGEMENT MSN BUS SCH OF BUSINESS	(133-5984)	50.00
95.	MULTIPLE DONORS UNRESTRICTED SUPPORT OF RADIOTHERAPY PROGRAMS MSN HS-MED HUMAN ONCOLOGY	(133-6225)	20.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

PHYSICAL PLANT

3. UNIVERSITY RESEARCH PARK, INC.
MADISON, WI
RESEARCH PARK INFRASTRUCTURE
MSN GRAD ADMINISTRATION ADMIN (133-N460) 30,000.00

RESEARCH

1. IMMUNEX CORPORATION
SEATTLE, WA
MATERIALS AGREEMENT
MSN AG&LSC VETERINARY SCI
2. AGRACETUS
MIDDLETON, WI
MATERIAL TRANSFER AGREEMENT
MSN AG&LSC HORTICULTURE
3. AGRACETUS
MIDDLETON, WI
MATERIAL TRANSFER AGREEMENT
MSN AG&LSC AGRONOMY
4. DIGITAL EQUIPMENT CORPORATION
HUDSON, MA
SOFTWARE SUPPORT FOR PROGRAMMING IN THE LARGE
MSN L&S COMPUTER SCI
5. DIGITAL EQUIPMENT CORPORATION
HUDSON, MA
AN ENHANCED WORKSTATION ENVIRONMENT
MSN L&S COMPUTER SCI
6. DIGITAL EQUIPMENT CORPORATION
HUDSON, MA
EXODUS - AN EXTENSIBLE, OBJECT-ORIENTED
DATABASE SYSTEM
MSN L&S COMPUTER SCI
7. SYNTEX LABORATORIES, INC.
PALO ALTO, CA
ASSESSMENT OF BLOOD PRESSURE DURING TREATMENT
WITH NAPROXEN AND IBUPROFEN IN HYDROCHLOROTHIAZIDE
TREATED HYPERTENSIVE PATIENTS
MSN HS-MED MEDICINE CLIN PHARM
8. DIGITAL EQUIPMENT CORPORATION
HUDSON, MA
ORGANIZATION OF EXPERIMENTAL DATA AND ITS'
IMPACT ON THE SELECTION OF STORAGE TECHNOLOGY
MSN L&S PHYSICS
9. ABBOTT LABORATORIES
ABBOTT PARK, IL
ANTI-ER ANITBODY H222
MSN AG&LSC BIOCHEMISTRY

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

10.	E.I. DUPONT DE NEMOURS & CO. WILMINGTON, DE MATERIALS TRANSFER AGREEMENT MSN AG&LSC BIOCHEMISTRY		
11.	EARNINGS ON MISC. INVESTMENTS PHANEUF, DUANE--MEDICAL RESEARCH MSN HS-MED	(TRUST)	477.95
12.	AUSTRIAN, DR. ROBERT BALTIMORE, MD COLLINS, HORACE--LEUKEMIA RESEARCH MSN HS-MED MEDICINE HEMATOLOGY	(TRUST)	1,000.00
13.	NORWEST BANK MINNESOTA N.A. MINNEAPOLIS, MN LYNUM, EDITH H. TRUST LYNUM, EDITH H.--MEDICAL RESEARCH FUND MSN HS-MED	(TRUST)	3,897.22
14.	RUBINSTEIN, ABRAHAM MADISON, WI SCHOOL OF PHARMACY--DISCRETIONARY RESEARCH MSN HS-PHR PHARMACY	(TRUST)	100.00
15.	GREENWOOD PRESS, INC WESTPORT, CT SCHOOL OF EDUCATION--WISCONSIN CENTER FOR EDUCATION RESEARCH MSN EDUC GENERAL ADMIN DEAN'S OFF	(TRUST)	25.90
16.	NEE, MICHAEL BRONX, NY DAVIS, JOHN JEFFERSON--BOTANY FUND MSN L&S BOTANY	(TRUST)	250.00
17.	MCARDLE LABORATORY FOR CANCER RESEARCH-- DISCRETIONARY FUND MSN HS-MED ONCOLOGY	(TRUST)	
	465.00 MULTIPLE DONORS		
	190.39 CFC MADISON, WI		
	150.00 SUGDEN, WILLIAM MADISON, WI		
	150.00 MULTIPLE DONORS		
			955.39
18.	MULTIPLE DONORS WISCONSIN CLINICAL CANCER CENTER--RESEARCH MSN HS-MED HUMAN ONCOLOGY	(TRUST)	1,613.00
19.	AGRICULTURE, DEPT OF BELTSVILLE, MD PREDICTIVE MODEL FOR BACTERIAL RING ROT DISEASE DEVELOPMENT IN POTATO PLANTS (FACULTY MEMBER HAS TRANSFERRED TO CORNELL UNIVERSITY) FOR THE PERIOD 05-01-88 THROUGH 10-31-88 AT A TOTAL COST OF \$16,650.00 AWARD # 58-32U4-8-051, MOD. 1 MSN AG&LSC PLANT PATHOLOGY	(144-AG49)	71,000.00-

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

20. AGRICULTURE, DEPT OF
PEORIA, IL
PATHOBIOLOGICAL SUPPORT SERVICES TO THE
INTER-REGIONAL POTATO INTRODUCTION PROJECT (IR-1)
FOR THE PERIOD 09-26-88 THROUGH 09-30-89
AWARD # 58-5114-8-1028
MSN AG&LSC PLANT PATHOLOGY (144-AQ84) 31,500.00
21. AGRICULTURE, DEPT OF
WASHINGTON, DC
CLONING CULTIVAR-SPECIFICITY GENES FROM MAGNAPORTH
GRISEA
FOR THE PERIOD 09-30-88 THROUGH 09-29-89
AWARD # 58-5114-8-1027
MSN AG&LSC PLANT PATHOLOGY (144-AQ68) 36,000.00
22. UNIVERSITY OF NEBRASKA
LINCOLN, NB
PRIME CONTRACTOR WITH AGRIC
DEVELOPMENT OF ORGANIC N AVAILABILITY FUNCTIONS
FOR A NITROGEN MANAGEMENT MODEL
FOR THE PERIOD 06-01-88 THROUGH 09-30-89
AWARD # LI-88-21
MSN AG&LSC SOIL SCIENCE (144-AR15) 14,009.00
23. BINATIONAL AGRICULTURAL RESEARCH AND DEVELOPMENT
FUND
WASHINGTON, DC
PRIME CONTRACTOR WITH AGRIC
RECOGNITION AND PRODUCTION OF SPECIFIC ANTIGENS OF
MYCOBACTERIUM PARATUBERCULOSIS
FOR THE PERIOD 10-01-88 THROUGH 09-30-91
AWARD # I-1293-87
MSN VET M PATHOBIOLOGCL SCI (144-AR18) 55,500.00
24. AGRIC, COOPERATIVE STATE RESEARCH SERVICE
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
- 1) BOVINE GENES CODING FOR PLACENTAL PROLACTIN-
RELATED TRANSCRIPTS
FOR THE PERIOD 09-01-88 THROUGH 08-31-91
AWARD # 88-37240-4103
MSN VET M CMPARTV BIOSCI'S (144-AQ53) 200,000.00
- 2) REDUCTION OF ALDICARB MOVEMENT IN SOIL
FOR THE PERIOD 09-15-88 THROUGH 09-30-89
AWARD # 88-34050-4156
MSN AG&LSC ENTOMOLOGY (144-AQ54) 11,491.00
- 3) DEVELOPMENT OF LIPID METABOLISM IN THE SMALL-
FOR-GESTATIONAL-AGE PIGLET
FOR THE PERIOD 09-15-88 THROUGH 09-30-91
AWARD # 88-37242-4109
MSN AG&LSC MEAT& ANIMAL SCI (144-AQ69) 153,865.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

- 4) MOLECULAR GENETIC ANALYSIS OF THE PASTEURELLA
HAEMOLYTICA LEUCOTOXIN
FOR THE PERIOD 09-15-88 THROUGH 09-30-91
AWARD # 88-37266-4116
MSN HS-MED MED MICROBIOLOGY (144-AQ74) 200,000.00
25. AGRIC, FOREST SERVICE
MADISON, WI
EXPLORING DIVE ANGLE EFFECTS ON THE TENSILE
STRENGTH OF LUMBER
FOR THE PERIOD 09-01-88 THROUGH 12-31-88
AWARD # FP-88-1113
MSN ENGR CIVIL & ENV ENGR (144-AQ39) 2,780.00
26. AGRIC, FOREST SERVICE
ST PAUL, MN
PROPERTIES OF OLD-GROWTH HEMLOCK-HARDWOOD FORESTS
IN RELATION TO LANDSCAPE CONTEXT: IMPLICATIONS
FOR FOREST CONSERVATION AND MANAGEMENT
FOR THE PERIOD 09-20-88 THROUGH 09-01-92
AWARD # 23-88-31
MSN ENV ST CTR BIOTIC SYSTS (144-AQ46) 31,500.00
27. AGENCY FOR INTERNATIONAL DEVELOPMENT
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
- 1) WORKSHOP IN TARGETED WATERSHED MANAGEMENT PROJECT
AREA IN HAITI
FOR THE PERIOD 09-30-88 THROUGH 12-16-88
AWARD # DAN-5301-I-00-5025-00, MOD. 11
MSN AG&LSC LAND TENURE CTR (144-AQ83) 17,183.00
- 2) TENURE SECURITY AND LAND MARKETS RESEARCH IN
LATIN AMERICA, AND THE CARIBBEAN
FOR THE PERIOD 09-05-86 THROUGH 07-31-89
AT A TOTAL COST OF \$865,246.19
AWARD # DAN-5301-A-00-4033-00, MOD. 25
MSN AG&LSC LAND TENURE CTR (144-Y596) 165,700.00
28. COMM, NATIONAL OCEANIC & ATMOSPHERIC ADM
BOULDER, CO
NATIONAL SEVERE STORMS LABORATORY FOR COOPERATIVE
RESEARCH USING THE MCIDAS INTERACTIVE
METEOROLOGICAL FACILITY
FOR THE PERIOD 07-01-87 THROUGH 09-30-88
AT A TOTAL COST OF \$70,902.28
AWARD # 50RANR70060, MOD. 1
MSN GRAD SPACE SCI&ENG CT (144-AA59) 12,702.28
29. COMM, NATIONAL OCEANIC & ATMOSPHERIC ADM
KANSAS CITY, MO
VAS DATA UTILIZATION CENTER (VDUC)
INTERACTIVE PROCESSING SYSTEM
FOR THE PERIOD 09-30-88 THROUGH 12-31-92
AWARD # 50-WCNE-8-6059
MSN GRAD SPACE SCI&ENG CT (144-AQ90) 2,892,385.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

30. COMM, NATIONAL OCEANIC & ATMOSPHERIC ADM
ROCKVILLE, MD
STORM RESEARCH PROGRAM
FOR THE PERIOD 05-01-84 THROUGH 08-31-89
AT A TOTAL COST OF \$915,101.00
AWARD # NAB4AA-H-00028, MOD. 6
MSN GRAD SPACE SCI&ENG CT (144-U417) 180,000.00
31. COMM, NATIONAL OCEANIC & ATMOSPHERIC ADM
WASHINGTON, DC
PARTICIPATION IN THE GOES-NEXT SOUNDER AND
IMAGER DEVELOPMENT AND PERFORMANCE EVALUATION
FOR THE PERIOD 02-01-88 THROUGH 01-31-92
AT A TOTAL COST OF \$1,207,791.00
AWARD # 50-WCNE-8-06058, MOD. 2
MSN GRAD SPACE SCI&ENG CT (144-AF41) 707,791.00
32. WI DEPT OF ADMINISTRATION
MADISON, WI
PRIME CONTRACTOR WITH COMM NOAA
POTENTIAL DETOXIFICATION OF SHEBOYGAN HARBOR PCBs
FOR THE PERIOD 10-01-88 THROUGH 09-30-89
AWARD # PD #ADI 00419
MSN ENGR ENGR EXPR STA WATER CHEM (144-AR13) 61,232.00
33. EDUCATION, DEPT OF
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
- 1) INNOVATIVE PROGRAM FOR SEVERELY HANDICAPPED
CHILDREN: STRATEGY FOR EVALUATING THE VOCATIONAL
MILIEU OF A WORKER WITH SEVERE INTELLECTUAL
DISABILITIES
FOR THE PERIOD 10-01-88 THROUGH 09-30-89
AWARD # GO08630388-88
MSN EDUC REHAB PSYC&SP ED (144-AN41) 121,353.00
- 2) RESEARCH AND DEVELOPMENT CENTER PROGRAM -
NATIONAL CENTER FOR RESEARCH IN MATHEMATICAL
SCIENCE EDUCATION (INSTITUTIONAL FUNCTIONS)
FOR THE PERIOD 10-01-88 THROUGH 09-30-89
AWARD # GO08720279-88
MSN EDUC WIS CTR EDUC RES (144-AN60) 168,186.00
- 3) RESEARCH AND DEVELOPMENT CENTER PROGRAM -
NATIONAL CENTER FOR RESEARCH IN MATHEMATICAL
SCIENCE EDUCATION (INSTRUCTION/LEARNING)
FOR THE PERIOD 10-01-88 THROUGH 09-30-89
AWARD # GO08720279-88
MSN EDUC WIS CTR EDUC RES (144-AN61) 149,609.00
- 4) RESEARCH AND DEVELOPMENT CENTER PROGRAM -
NATIONAL CENTER FOR RESEARCH IN MATHEMATICAL
SCIENCE EDUCATION (CURRICULUM/ASSESSMENT)
FOR THE PERIOD 10-01-88 THROUGH 09-30-89
AWARD # GO08720279-88
MSN EDUC WIS CTR EDUC RES (144-AN62) 172,205.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

34. DHHS, HEALTH CARE FINANCING ADMIN
BALTIMORE, MD
THE USE OF MEDICAID REIMBURSEMENT DATA IN THE
NURSING HOME QUALITY ASSURANCE PROCESS
FOR THE PERIOD 06-15-88 THROUGH 06-14-89
AT A TOTAL COST OF \$132,930.00
AWARD # 18-C-99256/5-01S1, MOD. 2
MSN ENGR ENGR EXPR STA HLTH SYS'S (144-AK54) 14,170.00
35. DHHS, OFFICE OF HUMAN DEVELOPMENT SERVICES
KANSAS CITY, MO
AGING DEVELOPMENT DISABILITIES:
CLINICAL ASSESSMENT, TRAINING, AND SERVICE
FOR THE PERIOD 10-01-88 THROUGH 06-30-89
AWARD # O7DDO273/17 MOD # 1
MSN GRAD WAISMAN CENTER (144-AQ97) 79,407.00
36. DHHS, PHS, HEALTH RESOURCES AND SERVICES ADMIN
ROCKVILLE, MD
DIAGNOSTIC AND FOLLOW-UP PROJECT FOR NATIVE
AMERICAN CHILDREN IN WISCONSIN WITH SPECIAL
HEALTH CARE NEEDS
FOR THE PERIOD 10-01-88 THROUGH 09-30-89
AWARD # MCJ-555024-01-0
MSN HS-MED GENET CLIN PROG (144-AQ56) 110,000.00
37. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH
BETHESDA, MD
IN SUPPORT OF THE FOLLOWING:
- 1) AUTOLOGOUS LYMPHOKINE ACTIVATED KILLER CELLS AND
REPETITIVE DOSES OF INTERLEUKIN-2 IN PATIENTS WITH
CANCER: A PHASE 1B TRIAL OF OPTIMAL BIOLOGIC
EFFECTS
FOR THE PERIOD 09-30-87 THROUGH 01-29-89
AT A TOTAL COST OF \$770,819.00
AWARD # NO1-CM-47669-06 MAD#11, MOD. 1
MSN HS-MED HUMAN ONCOLOGY IMMUNOLOGY (144-AA67) 140,811.00
 - 2) INTERNATIONAL FELLOWSHIPS
FOR THE PERIOD 11-02-87 THROUGH 04-30-89
AT A TOTAL COST OF \$41,263.00
AWARD # 3 FO5 TWO4038-01S1, MOD. 1
MSN VET M ADM-RES& GRAD TR ADM-RES&GR (144-AB34) 13,563.00
 - 3) ECOG OPERATIONS OFFICE
FOR THE PERIOD 05-01-88 THROUGH 04-30-89
AT A TOTAL COST OF \$1,446,737.00
AWARD # 5 U10 CA21115-13, MOD. 2
MSN HS-MED HUMAN ONCOLOGY EAST COOP (144-AG25) 118,735.00
 - 4) BIOGENESIS OF MEMBRANE LIPIDS IN ANIMAL CELLS
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # 5 RO1 DK21722-11
MSN AG&LSC BIOCHEMISTRY (144-AJ11) 167,973.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

- | | | |
|---|------------|------------|
| 5) CHARACTERISTICS OF LUNG PHOSPHOLIPID
TRANSFER PROTEINS
FOR THE PERIOD 08-01-88 THROUGH 07-31-89
AWARD # 5 R01 HL38744-02
MSN HS-MED PEDIATRICS | (144-AM21) | 81,685.00 |
| 6) HUMAN VENTILATORY ADAPTATION
(REDUCED TO REFLECT FUNDING AGENCY CORRECTION
IN THE AMOUNT OF INDIRECT COSTS PROVIDED)
FOR THE PERIOD 09-01-88 THROUGH 08-31-89
AT A TOTAL COST OF \$121,100.00
AWARD # 2 R01 HL15469-16, MOD. 1
MSN HS-MED PREVENTIVE MED | (144-APO2) | 980.00- |
| 7) MOLECULAR BIOLOGY OF MULTIPARTITE GENOME VIRUSES
FOR THE PERIOD 09-01-88 THROUGH 08-31-89
AWARD # 5 R37 AI23742-03
MSN GRAD INST MOL VIR INST MOL V | (144-AP40) | 148,392.00 |
| 8) COLLABORATIVE CORNEAL TRANSPLANT STUDIES -
CLINICAL CENTER
FOR THE PERIOD 09-30-88 THROUGH 09-29-89
AWARD # 5 U01 EYO7012-04
MSN HS-MED OPHTHALMOLOGY | (144-AP82) | 97,066.00 |
| 9) POSTDOCTORAL INDIVIDUAL NATIONAL RESEARCH
SERVICE AWARD
FOR THE PERIOD 10-01-88 THROUGH 01-31-89
AT A TOTAL COST OF \$9,750.00
AWARD # 5 F32 HDO6974-02, MOD. 1
MSN AG&LSC BIOCHEMISTRY | (144-AP97) | 1,082.00 |
| 10) FAMILIAL PREDISPOSITION FOR
RECURRENT HERPES LABIALIS
FOR THE PERIOD 09-01-88 THROUGH 08-31-89
AWARD # 1 R03 DE08504-01A1
MSN HS-MED PREVENTIVE MED | (144-AQ38) | 21,600.00 |
| 11) MODIFIED RESEARCH CAREER DEVELOPMENT AWARD
FOR THE PERIOD 09-01-88 THROUGH 08-31-89
AWARD # 5 KO4 AIO0491-06
MSN VET M PATHOBIOLOGCL SCI | (144-AQ59) | 53,136.00 |
| 12) POSTDOCTORAL INDIVIDUAL NATIONAL RESEARCH
SERVICE AWARD
FOR THE PERIOD 10-01-88 THROUGH 09-30-89
AWARD # 5 F32 EYO5869-03
MSN VET M CMPARTV BIOSCI'S | (144-AQ71) | 27,000.00 |
| 13) COMPLETE DISSECTION OF THE ESCHERICHIA
COLI GENOME
FOR THE PERIOD 09-29-88 THROUGH 08-31-89
AWARD # 2 R01 GM35682-07
MSN AG&LSC GENETICS | (144-AQ85) | 136,542.00 |

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

- 14) ANIMAL RESERVOIRS OF BORRELIA BURGDOFERI
FOR THE PERIOD 09-30-88 THROUGH 08-31-89
AWARD # 1 R29 AI24433-01A1
MSN VET M MEDICAL SCIENCES (144-AQ88) 63,554.00
- 15) ANALYSIS OF FIBER AND FIBER COMPONENTS IN FOOD
FOR THE PERIOD 09-30-88 THROUGH 09-29-89
AWARD # NO1-CN-85069
MSN AG&LSC NUTRITIONAL SCI (144-AQ92) 397,019.00
- 16) POSTDOCTORAL INDIVIDUAL NATIONAL RESEARCH
SERVICE AWARD
FOR THE PERIOD 11-01-88 THROUGH 10-31-89
AWARD # 1 F32 HLO8024-01
MSN AG&LSC BIOCHEMISTRY (144-AQ99) 20,004.00
- 17) SCOR IN CARDIOPULMONARY DISORDERS DURING SLEEP
FOR THE PERIOD 09-30-88 THROUGH 09-29-89
AWARD # 1 P01 HL42242-01
MSN HS-MED PREVENTIVE MED (144-AR01) 801,675.00
- 18) PHASE I/II CLINICAL STUDIES OF BIOLOGICAL RESPONSE
MODIFIERS - CLINICAL STUDIES OF CYTOKINES AND
IMMUNOMODULATORS (TASK B)
FOR THE PERIOD 09-30-88 THROUGH 09-29-89
AWARD # NO1-CM-87290
MSN HS-MED HUMAN ONCOLOGY IMMUNOLOGY (144-AR17) 400,835.00
- 19) ECG OPERATIONS OFFICE - HIGH PRIORITY PROTOCOLS
FOR THE PERIOD 09-15-88 THROUGH 04-30-89
AWARD # 3 U10 CA21115-13S2
MSN HS-MED HUMAN ONCOLOGY EAST COOP (144-AR24) 274,432.00
- 20) READING CENTER STUDY TO EVALUATE EARLY VITRECTOMY
IN DIABETIC RETINOPATHY
FOR THE PERIOD 06-26-75 THROUGH 06-30-89
AT A TOTAL COST OF \$1,402,761.00
AWARD # NO1-EY-5-2148, MOD. 17
MSN HS-MED OPHTHALMOLOGY (144-G728) 44,051.00
- 21) CANCER COMMUNICATIONS SYSTEM
FOR THE PERIOD 05-16-85 THROUGH 02-15-89
AT A TOTAL COST OF \$1,266,945.00
AWARD # NO1-CN-55481, MOD. 7
MSN HS-MED HUMAN ONCOLOGY PREV ONCOL (144-W596) 8,000.00
- 22) MOLECULAR BIOLOGY OF MULTIPARTITE GENOME
VIRUSES
FOR THE PERIOD 09-01-87 THROUGH 08-31-88
AT A TOTAL COST OF \$156,195.00
AWARD # 5 R37 AI23742-02, MOD. 1
MSN GRAD INST MOL VIR INST MOL V (144-Z815) 11,849.00
38. EMORY UNIVERSITY
ATLANTA, GA
PRIME CONTRACTOR WITH DHHS PHS NIH
INVESTIGATIONS OF SURFACE ACTIVE ADJUVANTS
FOR THE PERIOD 09-01-88 THROUGH 08-31-89
AWARD # AGR DTD 09/06/88
MSN AG&LSC BACTERIOLOGY (144-AR20) 38,408.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

46. DOD, NAVY
ARLINGTON, VA
IN SUPPORT OF THE FOLLOWING:
- 1) TYPHOON MONITORING USING PASSIVE MICROWAVE
OBSERVATIONS
FOR THE PERIOD 04-01-88 THROUGH 09-30-88
AWARD # NO0014-88-K-0711
MSN GRAD SPACE SCI&ENG CT (144-AQ70) 26,000.00
 - 2) IMMUNOLOGICAL CONSEQUENCES OF SOCIAL STRATIFICA-
TION AND CHANGE
FOR THE PERIOD 03-01-87 THROUGH 09-30-89
AT A TOTAL COST OF \$323,036.00
AWARD # NO0014-87-K-0227, MOD. 3
MSN L&S PRIMATE RES CTR (144-Y971) 125,101.00
47. DOD, NAVY
SAN DIEGO, CA
BONE RESPONSE TO EXERCISE: ANALYSIS OF PLASMA
MARKERS
FOR THE PERIOD 10-03-88 THROUGH 06-30-89
AWARD # N66001-88-C-0276
MSN EDUC PHYS ED & DANCE BIODYN LAB (144-AQ72) 69,983.00
48. ENERGY, DEPT OF
ARGONNE, IL
IN SUPPORT OF THE FOLLOWING:
- 1) UNIMOLECULAR REACTION DYNAMICS AND VIBRATIONAL
OVERTONE SPECTROSCOPY OF HIGHLY VIBRATIONALLY
EXCITED MOLECULES
FOR THE PERIOD 03-01-88 THROUGH 02-28-89
AT A TOTAL COST OF \$136,090.00
AWARD # DE-FG02-86ER13500, MOD. 1
MSN L&S CHEMISTRY (144-AE84) 55,000.00
 - 2) THERMAL STRESS MICROFRACTURING OF
CRYSTALLINE AND SEDIMENTARY ROCK
FOR THE PERIOD 09-16-88 THROUGH 09-15-89
AWARD # DE-FG02-84ER13184
MSN L&S GEOL & GEOPHYSICS GEO&POL R (144-AP95) 87,140.00
 - 3) DEVELOPMENT OF A GRAVEL BED COMBUSTOR
FOR THE PERIOD 01-01-87 THROUGH 12-31-88
AT A TOTAL COST OF \$220,000.00
AWARD # DE-FG02-85CE40735, MOD. 1
MSN ENGR MECHANICAL ENGR (144-Y882) 39,000.00
49. ENERGY, DEPT OF
IDAHO FALLS, ID
UNIVERSITY REACTOR SHARING
FOR THE PERIOD 09-16-88 THROUGH 08-30-89
AWARD # DE-FG07-81ER10229
MSN ENGR NUC ENGR&E PHYSC (144-AQ98) 14,000.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

50. ENERGY, DEPT OF
OAK RIDGE, TN
INSTRUMENTATION GRANT -
POLARIZED HYDROGEN GAS TARGET
FOR THE PERIOD 09-15-88 THROUGH 09-14-90
AWARD # DE-FG05-88ER75459
MSN L&S PHYSICS (144-AQ41) 300,000.00
51. SANDIA NATIONAL LABORATORIES
ALBUQUERQUE, NM
PRIME CONTRACTOR WITH DOE
FUEL-COOLANT INTERACTION MODELLING
FOR THE PERIOD 07-13-87 THROUGH 09-30-88
AT A TOTAL COST OF \$30,768.00
AWARD # 23-7198, MOD. 1
MSN ENGR NUC ENGR&E PHYSC (144-AB96) 15,753.00
52. SANDIA NATIONAL LABORATORIES
ALBUQUERQUE, NM
PRIME CONTRACTOR WITH DOE
HIGH TEMPERATURE SUPERCONDUCTORS: MEASUREMENT
OF PROPERTIES AND DEVICE DEVELOPMENT
FOR THE PERIOD 10-03-88 THROUGH 09-30-89
AWARD # ND. 05-7570
MSN ENGR ELEC & COM ENGR ELEC&COMP (144-AQ95) 44,710.00
53. MARTIN MARIETTA ENERGY SYSTEMS, INC
OAK RIDGE, TN
PRIME CONTRACTOR WITH DOE
US DEPARTMENT OF ENERGY STELLARATOR PROGRAM
FOR THE PERIOD 09-30-87 THROUGH 09-30-89
AT A TOTAL COST OF \$160,050.00
AWARD # 19X-91315C, MOD. 1
MSN ENGR ELEC & COM ENGR ELEC&COMP (144-AA80) 18,050.00
54. BROOKHAVEN NATIONAL LABORATORY
UPTON, LONG ISLAND, NY
PRIME CONTRACTOR WITH DOE
DEVELOPMENT OF THE SUPERCONDUCTING X-RAY
LITHOGRAPHY SOURCE AT BROOKHAVEN
FOR THE PERIOD 08-01-88 THROUGH 09-30-88
AWARD # PD #326220-S
MSN GRAD SYNCHR RAD CTR SRC CTL AC (144-AQ44) 48,165.00
55. INTERIOR, DEPT OF
OMAHA, NB
THE RECONSTRUCTION OF THE ORIGINAL FOREST
COMPOSITION ON THE APOSTLE ISLANDS NATIONAL
LAKESHORE FROM POLLEN ANALYSIS AND IDENTIFICATION
OF STUMP WOOD
FOR THE PERIOD 09-15-88 THROUGH 03-31-89
AWARD # PD #PK6000-8-0801
MSN ENV ST CTR FOR CLIM RES (144-AQ67) 5,000.00
56. INTER, FISH AND WILDLIFE SERVICE
MADISON, WI
ENVIRONMENTAL CONTAMINANTS, EMBRYONIC ANOMALIES
AND PRODUCTIVITY IN MIGRATORY BIRDS
FOR THE PERIOD 05-01-88 THROUGH 09-30-92
AT A TOTAL COST OF \$180,000.00
AWARD # 14-16-00019-1511 W029, MOD. 1
MSN AG&LSC N R-WILDLIF ECOL (144-AP80) 70,000.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

57. INTER, FISH AND WILDLIFE SERVICE
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
- 1) PREPARATION AND EVALUATION OF AN AVIAN CHOLERA
BACTERIN AND STUDIES OF THE FEASIBILITY OF ORAL
VACCINATION OF WATERFOWL
FOR THE PERIOD 09-27-88 THROUGH 05-30-92
AWARD # 14-16-0009-1511 WO 30
MSN AG&LSC VETERINARY SCI (144-AR10) 80,000.00
 - 2) AGRICULTURAL CHEMICALS IN HORICON MARSH
FOR THE PERIOD 05-01-87 THROUGH 04-30-89
AT A TOTAL COST OF \$41,000.00
AWARD # NO. 14-16-0009-1511 #26, MOD. 1
MSN AG&LSC N R-WILDLIF ECOL (144-Z315) 7,000.00
58. NATIONAL AERONAUTICS AND SPACE ADMIN
CLEVELAND, OH
MODELLING OF AC INDUCTION AND PM MOTORS OPERATING
WITH CONVERTERS EMPLOYING MCT'S
FOR THE PERIOD 10-01-88 THROUGH 09-30-90
AWARD # NAG 3-940
MSN ENGR ELEC & COM ENGR ELEC&COMP (144-AQ79) 73,000.00
59. MCDONNELL DOUGLAS ASTRONAUTICS COMPANY
HUNTINGTON BEACH, CA
PRIME CONTRACTOR WITH NASA
ANALYSIS OF REQUIREMENTS FOR A CONTROLLED
ECOLOGICAL LIFE SUPPORT SYSTEM (CELSS)
FOR THE PERIOD 07-05-88 THROUGH 12-31-88
AWARD # NO. 87916016
MSN ENGR ENGR EXPER STA SPAC COMM (144-AQ93) 24,900.00
60. NASA, AMES RESEARCH CENTER
MOFFETT FIELD, CA
CO-INVESTIGATOR SUPPORT ON THE GALILEO NET
FLUX RADIOMETER EXPERIMENT
FOR THE PERIOD 01-01-85 THROUGH 12-31-89
AT A TOTAL COST OF \$1,216,900.00
AWARD # NAS2-12078, MOD. 11
MSN GRAD SPACE SCI&ENG CT (144-W319) 144,216.00
61. NASA, GODDARD SPACE FLIGHT CENTER
GREENBELT, MD
A SPACE TELESCOPE SCIENTIFIC INVESTIGATION USING
A HIGH SPEED PHOTOMETER
FOR THE PERIOD 03-02-78 THROUGH 11-15-88
AT A TOTAL COST OF \$9,964,601.00
AWARD # NAS5-24487, MOD. 53
MSN GRAD SPACE SCI&ENG CT (144-L324) 626,876.00
62. NASA, HEADQUARTERS
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

- 1) SUPPORTING STUDIES IN CLOUD IMAGE PROCESSING FOR
PLANETARY FLYBYS OF THE 1970'S
FOR THE PERIOD 01-01-72 THROUGH 05-31-89
AT A TOTAL COST OF \$905,893.00
AWARD # NGR-50-002-189, MOD. 20
MSN GRAD SPACE SCI&ENG CT (144-C683) 79,500.00
- 2) A CENTER FOR THE COMMERCIAL DEVELOPMENT OF SPACE
FOR THE PERIOD 09-01-86 THROUGH 08-31-89
AT A TOTAL COST OF \$3,058,000.00
AWARD # NAGW-975, MOD. 3
MSN ENGR ENGR EXPER STA SPAC COMM (144-Y632) 1,058,000.00
63. NATIONAL ENDOWMENT FOR THE HUMANITIES
WASHINGTON, DC
THE DOCUMENTARY HISTORY OF THE RATIFICATION OF THE
CONSTITUTION AND THE BILL OF RIGHTS
FOR THE PERIOD 07-01-87 THROUGH 06-30-89
AT A TOTAL COST OF \$102,325.00
AWARD # RE-20632-87, MOD. 2
MSN L&S HISTORY (144-Z264) 2,000.00
64. NATIONAL SCIENCE FOUNDATION
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
- 1) MICROWAVE SPECTROSCOPY OF MOLECULAR IONS IN
DISCHARGE AND MAGNETICALLY CONFINED
AFTERGLOW PLASMAS
FOR THE PERIOD 11-15-88 THROUGH 10-31-89
AWARD # CHE-8814067
MSN L&S CHEMISTRY (144-AN76) 291,286.00
- 2) FLUID INCLUSION AND STABLE ISOTOPE STUDY IN
MID-CRUSTAL ROCKS OF THE COASTAL OREGON,
BRITISH COLUMBIA AND ALASKA
FOR THE PERIOD 09-01-88 THROUGH 02-28-90
AWARD # RII-8800073
MSN L&S GEOL & GEOPHYSICS (144-AP73) 48,283.00
- 3) EFFECTS OF STEROLS ON INSECTS AND THEIR
PARASITES
FOR THE PERIOD 09-01-88 THROUGH 05-31-89
AWARD # DCB-8896274
MSN AG&LSC ENTOMOLOGY (144-AP79) 52,200.00
- 4) ENGINEERING RESEARCH CENTER FOR
PLASMA-AIDED MANUFACTURING
FOR THE PERIOD 10-01-88 THROUGH 09-30-89
AWARD # CDR-8721545
MSN ENGR ELEC & COM ENGR ELEC&COMP (144-AQ47) 1,500,000.00
- 5) PRESIDENTIAL YOUNG INVESTIGATOR AWARD
FOR THE PERIOD 11-01-88 THROUGH 04-30-90
AWARD # BSR-8857129
MSN AG&LSC N RSRCS-FORESTRY (144-AQ96) 25,000.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

- 6) PRESIDENTIAL YOUNG INVESTIGATOR AWARD
FOR THE PERIOD 07-01-84 THROUGH 12-31-89
AT A TOTAL COST OF \$202,500.00
AWARD # MIP-8351260, MOD. 6
MSN ENGR ELEC & COM ENGR ELEC&COMP (144-U740) 37,500.00
- 7) PRESIDENTIAL YOUNG INVESTIGATOR AWARD
FOR THE PERIOD 07-01-86 THROUGH 12-31-89
AT A TOTAL COST OF \$187,500.00
AWARD # DCR-8552602, MOD. 4
MSN L&S COMPUTER SCI (144-Y158) 6,035.00
- 8) CHARACTERIZATION OF BOVINE PLACENTAL
PROLACTIN-RELATED MRNA'S AND PROTEIN PRODUCTS
FOR THE PERIOD 10-01-86 THROUGH 03-31-89
AT A TOTAL COST OF \$167,211.00
AWARD # DCB-8608739, MOD. 1
MSN VET M CMPARTV BIOSCI'S (144-Y390) 17,211.00
- 9) DEVELOPMENT OF IMMUNITY
FOR THE PERIOD 10-15-86 THROUGH 03-31-90
AT A TOTAL COST OF \$218,000.00
AWARD # DCB-8602751, MOD. 5
MSN L&S ZOOLOGY (144-Y702) 72,000.00
- 10) MATHEMATICAL SCIENCES: SPECIAL FUNCTIONS
FOR THE PERIOD 05-15-87 THROUGH 10-31-90
AT A TOTAL COST OF \$116,406.00
AWARD # DMS-8701439, MOD. 2
MSN L&S MATHEMATICS (144-Z115) 35,500.00
- 11) DIAGNOSTIC STUDIES OF GLOBAL MONSOONAL
CIRCULATIONS WITHIN THE NCAR COMMUNITY
CLIMATE MODEL (CCM)
FOR THE PERIOD 04-15-87 THROUGH 09-30-89
AT A TOTAL COST OF \$117,000.00
AWARD # ATM-8617582, MOD. 1
MSN GRAD SPACE SCI&ENG CT (144-Z250) 59,900.00
- 12) SIPP ACCESS: FACILITY FOR THE ANALYSIS OF
LARGE-SCALE COMPLEX LONGITUDINAL DATA
FOR THE PERIOD 08-15-87 THROUGH 01-31-90
AT A TOTAL COST OF \$460,141.00
AWARD # SES-8701911, MOD. 2
MSN L&S INST-RES ON POV (144-Z838) 45,000.00
65. GEOPHYSICAL INSTITUTE - UNIVERSITY OF ALASKA
FAIRBANKS, AK
PRIME CONTRACTOR WITH NSF
AN INVESTIGATION OF EQUATORIAL MESOSPHERIC
DYNAMICS USING JICAMARCA MST RADAR
FOR THE PERIOD 07-25-88 THROUGH 05-28-89
AWARD # P.O. # 57618-4050
MSN L&S METEOROLOGY (144-AQ75) 7,714.14

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

66.	STATE, DEPT OF WASHINGTON, DC ECOLOGICAL RESTORATION OF DEGRADED CARIBBEAN DRY FOREST FOR THE PERIOD 09-26-88 THROUGH 09-25-91 AWARD # 1753-800553 MSN ENV ST CTR BIOTIC SYSTS	(144-AQ76)	36,000.00
67.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RESEARCH AND DEVELOPMENT FUND IN THE DEPARTMENT OF PEDIATRICS MSN HS-MED PEDIATRICS	(133-A238)	115,000.00
68.	MULTIPLE DONORS CANCER RESEARCH - MCARDLE MEMORIAL LABORATORY MSN HS-MED ONCOLOGY	(133-A250)	693.00
69.	CANCER RESEARCH MSN HS-MED	(133-A251)	
	767.00 SCHWAN'S SALES ENTERPRISES, INC. MARSHALL, MN		
	250.00 MULTIPLE DONORS		
			1,017.00
70.	SCHWAN'S SALES ENTERPRISES, INC. MARSHALL, MN HEART RESEARCH MSN HS-MED	(133-A252)	767.00
71.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GENERAL MEDICAL RESEARCH MSN HS-MED	(133-A253)	2,895.50
72.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF GYNECOLOGY AND OBSTETRICS RESEARCH AND DEVELOPMENT FUND MSN HS-MED OBSTET & GYNECOL	(133-A522)	30,559.22
73.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF MEDICINE RESEARCH AND DEVELOPMENT FUND MSN HS-MED MEDICINE	(133-A525)	121,951.33
74.	MULTIPLE DONORS DEPARTMENT OF NEUROLOGY RESEARCH AND DEVELOPMENT FUND MSN HS-MED NEUROLOGY	(133-A533)	200.00
75.	MULTIPLE DONORS CANCER RESEARCH AND RELATED ACTIVITIES MSN HS-HSP ADMINISTRATION ADMIN	(133-A934)	60.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

76.	MERRELL DOW PHARMACEUTICALS, INC CINCINNATI, OH PHARMACEUTICS RESEARCH MSN HS-PHR PHARMACY	(133-B193)	7,000.00
77.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BASCOM PROFESSORSHIP MSN HS-MED PHYSIOLOG CHEM	(133-B406)	5,000.00
78.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF DAIRY SCIENCE DISCRETIONARY FUND MSN AG&LSC DAIRY SCIENCE	(133-B521)	26,500.00
79.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIVISION OF ORTHOPEDIC SURGERY RESEARCH AND DEVELOPMENT FUND MSN HS-MED SURGERY	(133-B574)	24,665.00
80.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIVISION OF NEUROSURGERY RESEARCH AND DEVELOPMENT FUND MSN HS-MED SURGERY NEUROSURG	(133-B580)	3,200.00
81.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DIVISION OF OTOLARYNGOLOGY RESEARCH AND DEVELOPMENT FUND MSN HS-MED SURGERY OTOLARYN	(133-B581)	2,800.00
82.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF FOOD SCIENCE CHAIRMAN'S DISCRETIONARY FUND MSN AG&LSC FOOD SCIENCE	(133-B656)	2,000.00
83.	SUSTAINING FUND FOR CHEESE RESEARCH INSTITUTE MSN AG&LSC FOOD SCIENCE	(133-B996)	
	197.50 MULTIPLE DONORS		
	940.00 CHR. HANSEN'S LABORATORY, INC. MILWAUKEE, WI		
			1,137.50
84.	VEGETABLE PROCESSING MSN AG&LSC FOOD SCIENCE	(133-C289)	
	666.00 RUSSELL & NANCY DOANE MENOMONIE, WI		
	333.00 MULTIPLE DONORS		
			999.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

95.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BEERS-BASCOM PROFESSORSHIP 1988-89 MSN AG&LSC N R-WILDLIF ECOL	(133-E259)	8,500.00
96.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI TRACY RUHRUP MEMORIAL VIRUS RESEARCH FUND MSN HS-MED MED MICROBIOLOGY	(133-E289)	250.00
97.	KRAFT, INC. GLENVIEW, IL DEVELOPING AND IMPLEMENTING METHODS OF VEHICLE SCHEDULING IN A KRAFT FOODSERVICE DISTRICT MSN AG&LSC FOOD SCIENCE	(133-E447)	1,551.00
98.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI OUWENEEL-BASCOM PROFESSORSHIP 1988-89 MSN ENGR MECHANICAL ENGR	(133-E525)	5,000.00
99.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BASCOM PROFESSORSHIP IN ENGINEERING 1988-89 MSN ENGR ELEC & COM ENGR ELEC&COMP	(133-E657)	15,000.00
100.	MULTIPLE DONORS SUPPORT STUDENT HOURLY HELP IN PROJECT RESEARCH INVOLVING THE COURTSHIP AND PARENTAL CARE INTERACTIONS IN FISHES MSN L&S ZOOLOGY	(133-E707)	40.21
101.	WISCONSIN LAW ALUMNI ASSOCIATION MADISON, WI LAW SCHOOL DEAN'S UNRESTRICTED FUND MSN LAW LAW SCHOOL	(133-E839)	3,982.50
102.	MULTIPLE DONORS PEDIATRICS HEMATOLOGY/ONCOLOGY PATIENT CARE MSN HS-MED PEDIATRICS	(133-E936)	20.00
103.	MULTIPLE DONORS CARDIOVASCULAR SURGERY HEART RESEARCH FUND MSN HS-MED SURGERY THORACIC S	(133-F069)	30.00
104.	UNIVERSITY PSYCHIATRY GROUP MADISON, WI EXPOSURE THERAPIST SALARY SUPPORT MSN HS-MED PSYCHIATRY	(133-F119)	2,500.00
105.	RESEARCH IN KIDNEY TRANSPLANTATION MSN HS-MED SURGERY GEN SURG	(133-F197)	
	1,000.00 TRANSPLANTATION SOCIETY BOSTON, MA		
	2,111.00 VETERANS GENERAL HOSPITAL TAICHUNG, TAIWAN		
	1,000.00 TRANSPLANTATION SOCIETY BOSTON, MA		
			4,111.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

106.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI EVJUE-BASCOM PROFESSORSHIP 1988-89 MSN L&S HISTORY OF SCI	(133-F237)	7,000.00
107.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI EVJUE-BASCOM PROFESSORSHIP 1988-89 MSN LAW LAW SCHOOL	(133-F329)	7,000.00
108.	MINNESOTA MINING AND MANUFACTURING COMPANY ST. PAUL, MN LUMINESCENT DEVICES BASED ON II-VI SEMICONDUCTORS MSN L&S CHEMISTRY	(133-F356)	62,738.00
109.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BASCOM PROFESSORSHIP MSN L&S SOCIOLOGY	(133-F358)	5,000.00
110.	THE LARSEN COMPANY GREEN BAY, WI GENERAL FRUIT RESEARCH ACTIVITIES AT THE PENINSULAR STATION MSN AG&LSC PENINSLR RES STA	(133-F369)	575.00
111.	INSTITUTE OF FOOD TECHNOLOGISTS CHICAGO, IL GENERAL RESEARCH MSN AG&LSC FOOD SCIENCE	(133-F506)	2,500.00
112.	WISCONSIN CROP IMPROVEMENT ASSOCIATION MADISON, WI SMALL GRAIN BREEDING AND RESEARCH MSN AG&LSC AGRONOMY	(133-F535)	1,500.00
113.	EASTERN ARTIFICIAL INSEMINATION COOPERATIVE ITHACA, NY MECHANISMS OF VIRAL PATHOGENESIS MSN VET M PATHOBIOLGCL SCI	(133-F663)	1,500.00
114.	UNIVERSITY OBSTETRICS-GYNECOLOGY ASSOCIATES MADISON, WI MICROSURGERY RESEARCH TRAINING FUND MSN HS-MED SURGERY	(133-F729)	1,200.00
115.	MULTIPLE DONORS GEOTECHNICAL ENGINEERING PROGRAM SUPPORT MSN ENGR CIVIL & ENV ENGR	(133-F891)	150.00
116.	THE UPJOHN COMPANY KALAMAZOD, MI CARDIOVASCULAR RESEARCH MSN HS-PHR PHARMACY	(133-F905)	675.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

117.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CAMPBELL-BASCOM PROFESSORSHIP 1988-89 MSN AG&LSC HORTICULTURE	(133-F982)	6,000.00
118.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PROGRAM ENHANCEMENT FOR THE CARDIOLOGY SECTION OF THE DEPARTMENT OF MEDICINE MSN HS-MED MEDICINE CARDIOLOGY	(133-G105)	113,100.50
119.	LUBRIZOL FOUNDATION/AGRIGENETICS CORPORATION WICKLIFFE, OH LUBRIZOL PREDOCTORAL FELLOW OF GENETICS MSN AG&LSC GENETICS	(133-G212)	10,000.00
120.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PICKARD-BASCOM PROFESSORSHIP 1988-89 MSN L&S FRENCH & ITALIAN	(133-G274)	5,500.00
121.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MCFARLAND-BASCOM PROFESSORSHIP 1988-89 MSN ENGR CHEMICAL ENGR	(133-G276)	6,000.00
122.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BASCOM PROFESSORSHIP MSN LAW LAW SCHOOL	(133-G277)	5,000.00
123.	ROCHE ASIAN RESEARCH FOUNDATION HONG KONG PROGRAM FOR DEVELOPMENT OF PREVENTIVE HEALTH SERVICE PROGRAM FOR VIETNAM MSN HS-MED PREVENTIVE MED	(133-G285)	1,000.00
124.	E. I. DUPONT DE NEMOURS & CO. WILMINGTON, DE FIBER AND GASTROINTESTINAL RESEARCH DISCRETIONARY ACCOUNT MSN AG&LSC NUTRITIONAL SCI	(133-G365)	1,000.00
125.	UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI BIOFEEDBACK CLINIC SUPPORT MSN HS-MED NEUROLOGY	(133-G648)	4,335.06
126.	ATLANTIC BREEDERS COOP LANCASTER, PA BRIDGING THE DISCIPLINES OF REPRODUCTIVE PHYSIOLOGY AND GENETICS--AN INTEGRATED RESEARCH APPROACH MSN AG&LSC DAIRY SCIENCE	(133-G729)	3,325.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

127.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BASCOM PROFESSORSHIP MSN L&S ECONOMICS	(133-G798)	5,000.00
128.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HUMAN ONCOLOGY DEVELOPMENT MSN HS-MED HUMAN ONCOLOGY	(133-G829)	10,000.00
129.	MULTIPLE DONORS DISCRETIONARY FUND IN THE DEPARTMENT OF HEBREW AND SEMITIC STUDIES MSN L&S HEBREW & SEM STU	(133-G920)	45.45
130.	RORER FORT WASHINGTON, PA PHARMACY RESEARCH MSN HS-PHR PHARMACY	(133-G990)	700.00
131.	MULTIPLE DONORS QUALITY & PRODUCTIVITY RESEARCH PROJECT MSN ENGR INDUSTRIAL ENGR	(133-H060)	650.75
132.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HENRY-BASCOM PROFESSORSHIP 1988-89 MSN EDUC PHYS ED & DANCE PHYS EDUC	(133-H268)	6,000.00
133.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI VAUGHAN BASCOM PROFESSORSHIP 1988-89 MSN AG&LSC PLANT PATHOLOGY	(133-H269)	6,000.00
134.	WISCONSIN POTATO & VEGETABLE GROWERS ASSOC. INC. ANTIGO, WI RESEARCH ON THE CONTROL OF NEMATODE DISEASES MSN AG&LSC PLANT PATHOLOGY	(133-H418)	2,400.00
135.	NATIONAL FOUNDATION FOR CANCER RESEARCH BETHESDA, MD ESTROGEN AND ANTIESTROGEN INTERACTION WITH NORMAL AND CANCER TISSUE FOR THE PERIOD 10-01-84 THRU 09-30-89 MSN AG&LSC BIOCHEMISTRY	(133-H504)	25,000.00
136.	NATIONAL FOUNDATION FOR CANCER RESEARCH BETHESDA, MD VITAMIN D ANALOGS AS ANTI-LEUKEMIA AGENTS/ BIOCHEMICAL BASIS OF CHEMICAL CARCINOGENESIS FOR THE PERIOD 10-01-84 THRU 09-30-89 AT A 174,995 LEVEL MSN AG&LSC BIOCHEMISTRY	(133-H505)	75,000.00
137.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BURRUS-BASCOM PROFESSORSHIP 1988-89 MSN LAW LAW SCHOOL	(133-H793)	7,000.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

138.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI EVJUE-BASCOM PROFESSORSHIP 1988-89 MSN LAW LAW SCHOOL	(133-H794)	7,000.00
139.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI VOSS-BASCOM PROFESSORSHIP 1988-89 MSN LAW LAW SCHOOL	(133-H795)	7,000.00
140.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI VOSS-BASCOM PROFESSORSHIP 1988-89 MSN LAW LAW SCHOOL	(133-H796)	7,000.00
141.	INTERNATIONAL BUSINESS MACHINES CORPORATION MILFORD, CT JOINTLY DEFINED EFFORT TO INVESTIGATE COMMUNICATIONS PROTOCOLS IN A DISTRIBUTED COMPUTING ENVIRONMENT FOR THE PERIOD 01-01-85 THRU 12-31-88 AT A \$1,468,522 LEVEL MSN L&S COMPUTER SCI	(133-H853)	225,000.00
142.	UNIVERSITY RADIOLOGY AND NUCLEAR MEDICINE ASSOCIATES MADISON, WI RADIOLOGY SERVICES MSN HS-MED RADIOLOGY	(133-H856)	9,919.78
143.	ALS RESEARCH MSN HS-MED NEUROLOGY	(133-H941)	
	1,000.00 MAYME KLOOSTERBOER 305.00 WAUPUN, WI 305.00 MULTIPLE DONORS		1,305.00
144.	NORTHERN ENGRAVING CORPORATION SPARTA, WI THIN FILMS COATING RESEARCH MSN ENGR ENGR EXPER STA MATERLS SC	(133-H951)	1,000.00
145.	CLINICAL PHARMACY RESEARCH MSN HS-PHR PHARMACY	(133-H971)	
	250.00 MULTIPLE DONORS 850.00 UPJOHN COMPANY KALAMAZOO, MI		1,100.00
146.	BRISTOL-MYERS U.S. PHARMACEUTICAL AND NUTRITIONAL GROUP EVANSVILLE, IN NUTRITIONAL BENEFITS OF CYSTIC FIBROSIS NEONATAL SCREENING AT A \$30,600 LEVEL MSN HS-MED PEDIATRICS	(133-J083)	12,100.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

147.	NA-CHURS PLANT FOOD CO. MARION, OH COMPARISON OF NA-CHURS FERTILIZER PROGRAM WITH CONVENTIONAL FERTILIZER PROGRAMS FOR CORN MSN AG&LSC SOIL SCIENCE	(133-J155)	12,238.00
148.	HOFFMAN-LAROCHE NUTLEY, N.J. PHARMACY RESEARCH MSN HS-PHR PHARMACY	(133-J303)	1,000.00
149.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HELFAER PROFESSORSHIP IN CHEMISTRY 1988-89 MSN L&S CHEMISTRY	(133-J463)	15,000.00
150.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI COMPUTER-AIDED MANUFACTURING RESEARCH MSN ENGR INDUSTRIAL ENGR	(133-J554)	1,555.11
151.	MULTIPLE DONORS VETERINARY CARDIOLOGY RESEARCH FUND MSN VET M MEDICAL SCIENCES	(133-J816)	100.00
152.	FEDERAL EXPRESS CORPORATION MEMPHIS, TN DEVELOPMENT OF MC IDAS WEATHER SYSTEM AT A 1,366,467 LEVEL MSN GRAD SPACE SCI&ENG CT	(133-J895)	350,000.00
153.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CARNITINE PALMITOYL TAURINE STUDIES MSN HS-MED MEDICINE CARDIOLOGY	(133-J910)	50,551.20
154.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MEDICAL PHYSICS PUBLISHING FUND MSN HS-MED MEDICAL PHYSICS	(133-J931)	228.63
155.	MULTIPLE DONORS ASSAY WORK IN CLINICAL LABORATORIES MSN HS-MED PATHOL & LAB MED ANAT PATH	(133-J971)	380.00
156.	AMERICAN FROZEN FOOD INSTITUTE MCLEAN, VA STABILIZATION OF PROTEINS DURING FROZEN STORAGE MSN AG&LSC FOOD SCIENCE	(133-J974)	4,312.73
157.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI EVJUE-BASCOM PROFESSORSHIP 1988-89 MSN L&S ECONOMICS	(133-J984)	7,000.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

158.	DR. SANTIAGO LASTIRI MADISON, WI ADMINISTRATIVE MEDICINE PROGRAM FUND MSN HS-MED PREVENTIVE MED	(133-J995)	10,552.50
159.	MULTIPLE DONORS DOWNTOWN REVITALIZATION PROJECT MSN AG&LSC NR-LANDSCAP ARCH	(133-K002)	30.00
160.	MULTIPLE DONORS DISCRETIONARY FUND IN THE DEPARTMENT OF MEDICINE MSN HS-MED MEDICINE HEMATOLOGY	(133-K061)	198.82
161.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HONORARIUMS TO SPEAKERS SPONSORED BY HISTORY DEPARTMENT MSN L&S HISTORY	(133-K063)	700.00
162.	AMERICAN CYANAMID COMPANY PRINCETON, NJ EFFICACY OF RECOMBINANT BOVINE SOMATOTROPIN INJECTED DAILY IN LACTATING DAIRY COWS AT THREE DOSAGE LEVELS MSN AG&LSC DAIRY SCIENCE	(133-K206)	43,388.50
163.	C. H. PADDISON MADISON, WI EQUINE NEONATAL MEDICINE MSN VET M MEDICAL SCIENCES	(133-K249)	2,500.00
164.	MOBAY CORPORATION INDIANAPOLIS, IN UNRESTRICTED GRANT IN SUPPORT OF RESEARCH ON DISEASE MANAGEMENT IN WISCONSIN FRUIT CROPS MSN AG&LSC PLANT PATHOLOGY	(133-K284)	750.00
165.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI FOLEY AND LARDNER-BASCOM PROFESSORSHIP 1988-89 MSN LAW LAW SCHOOL	(133-K339)	7,000.00
166.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI YOUNG-BASCOM PROFESSORSHIP 1988-89 MSN LAW LAW SCHOOL	(133-K340)	7,000.00
167.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DOYLE-BASCOM PROFESSORSHIP 1988-89 MSN LAW LAW SCHOOL	(133-K341)	7,000.00
168.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI VOLKMAN-BASCOM PROFESSORSHIP 1988-89 MSN LAW LAW SCHOOL	(133-K342)	7,000.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

169.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HABUSH-BASCOM PROFESSORSHIP 1988-89 MSN LAW LAW SCHOOL	(133-K343)	6,500.00
170.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI VOSS-BASCOM PROFESSORSHIP 1988-89 MSN LAW LAW SCHOOL	(133-K344)	7,000.00
171.	LIFE AND HEALTH INSURANCE MEDICAL FUND MEDICAL RESEARCH FUND WASHINGTON, DC REGULATION OF THE EPIDERMAL GROWTH FACTOR RECEPTOR AND PROTEIN KINASE C TUMOR PROMOTER RECEPTOR FOR THE PERIOD 08-01-86 THRU 07-31-89 MSN HS-MED PHYSIOLOG CHEM	(133-K458)	28,288.00
172.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MELOCHE - BASCOM PROFESSORSHIP 1988-89 MSN L&S CHEMISTRY	(133-K464)	11,000.00
173.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI KUECHENMEISTER - BASCOM PROFESSORSHIP 1988-89 MSN BUS SCH OF BUSINESS	(133-K465)	6,500.00
174.	COMITE CONJUNTO HISPANO-NORTEAMERICANO PASA LA COOPERACION CULTURAL Y EDUCATIVA MADRID, SPAIN TACTILE VISION SUBSTITUTION FOR CONGENITALLY BLIND FOR THE PERIOD 06-01-86 THRU 05-31-89 AT A TOTAL LEVEL OF \$68,811.00 MSN HS-MED REHABIL MEDICINE	(133-K699)	3,710.00
175.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ANDERSON-BASCOM PROFESSORSHIP 1988-89 MSN AG&LSC AG ECONOMICS	(133-K850)	5,500.00
176.	INSITE VISION, INC. OAKLAND, CA PHARMACY RESEARCH MSN HS-PHR PHARMACY	(133-K881)	12,500.00
177.	KELLOGG (W K) FOUNDATION BATTLE CREEK, MI KELLOGG NATIONAL FELLOWSHIP PROGRAM MSN FR&CS FAM RSRC&CNSM SC ADMIN	(133-K962)	15,028.00
178.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BASCOM PROFESSORSHIP MSN LAW LAW SCHOOL	(133-K992)	5,000.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

179.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BASCOM PROFESSORSHIP IN SURFACE SCIENCE AND TECHNOLOGY 1988-89 MSN ENGR MET & MIN ENGR	(133-K993)	5,000.00
180.	GLAXO, INC. RESEARCH TRIANGLE PARK, NC SOLID-SOLID INTERACTIONS MSN HS-PHR PHARMACY	(133-L092)	25,000.00
181.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MCMANUS-BASCOM PROFESSORSHIP 1988-89 MSN BUS SCH OF BUSINESS	(133-L130)	15,000.00
182.	STUART PHARMACEUTICALS WILMINGTON, DE EVALUATION OF ICI 128,436 IN DIABETIC PATIENTS WITH PERIPHERAL SYMMETRICAL POLYNEUROPATHY AWARD # ARI 6-760-1 MSN HS-MED NEUROLOGY	(133-L250)	41,000.00
183.	PROSPECT HILL FOUNDATION, INC. NEW YORK, NY WISCONSIN PROJECT ON NUCLEAR ARMS CONTROL MSN LAW LAW SCHOOL	(133-L291)	5,000.00
184.	CHIBRET INTERNATIONAL RAHWAY, NJ THE CORRELATION OF AQUEOUS FLOW AND VASCULAR PERFUSION WITH VISUAL FIELD SURVIVAL IN CHRONIC OPEN ANGLE GLAUCOMA THERAPY MSN HS-MED OPHTHALMOLOGY	(133-L293)	20,000.00
185.	CENTOCAR MALVERN, PA EVALUATION OF MONOCLONAL ANTIBODY TO PLATELET RECEPTOR IN ANIMAL MODELS MSN HS-MED MEDICINE	CARDIOLOGY (133-L318)	5,000.00
186.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GENERAL WILDLIFE STUDIES MSN AG&LSC N R-WILDLIF ECOL	(133-L592)	4,000.00
187.	SQUIBB (E R) & SONS, INC. PRINCETON, NJ SURVIVAL AND VENTRICULAR ENLARGEMENT (SAVE) FOLLOWING MYOCARDIAL INFARCTION: EFFECT OF CAPTOPRIL AWARD # 12,928-250 MSN HS-MED MEDICINE	CARDIOLOGY (133-L626)	3,850.00
188.	CHILDS (JANE COFFIN) MEMORIAL FUND FOR MEDICAL RESEARCH NEW HAVEN, CT POSTDOCTORAL FELLOWSHIP FOR THE PERIOD 09-01-87 THRU 08-31-89 MSN AG&LSC BIOCHEMISTRY	(133-L703)	2,000.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

189.	MULTIPLE DONORS ANIMAL SURGERY RESEARCH MSN VET M SURGICAL SCI	(133-L731)	25.00
190.	KALLESTAD DIAGNOSTICS CHASKA, MN COMPARE EFFICACIES OF CHLAMYDIAL DIAGNOSTIC ASSAYS IN DIAGNOSING NEONATAL CONJUNCTIVITIS & INVESTIGATE MECHANISMS OF TREATMENT FAILURE IN INFECTIONS OF NEONATES (AGENCY CANCELLED PROJECT DUE TO POLITICAL CHANGES IN KENYA) MSN HS-MED OPHTHALMOLOGY	(133-L740)	21,000.00-
191.	PERKIN-ELMER DANBURY, CT DIAMOND CARBON FILM RESEARCH-- PROJECT TERMINATED BY MUTUAL AGREEMENT DUE TO TECHNICAL PROBLEMS AWARD # 4406 TB MSN ENGR MET & MIN ENGR	(133-L742)	13,100.00-
192.	AMERICAN ACADEMY OF VETERINARY DERMATOLOGY GAINESVILLE, FL IMMUNOCYTOCHEMICAL DETECTION OF ANTIEPITHELIAL ANTIBODY IN SERA OF DOGS WITH PEMPHIGUS MSN VET M MEDICAL SCIENCES	(133-L786)	1,000.00
193.	J.G. VAN HAL NICKERSON-ZWAAN B.V. THE NETHERLANDS CUCUMBER BREEDING MSN AG&LSC HORTICULTURE	(133-L808)	3,200.00
194.	XOMA CORPORATION BERKELEY, CA MULTICENTER TRIAL TO DETERMINE THE SAFETY AND EFFICACY OF ANTIENDOTOXIN ANTIBODY XMMEN-OES IN THE TREATMENT OF PATIENTS WITH SUSPECTED GRAM- NEGATIVE BACTEREMIA OR ENDOTOXEMIA MSN HS-MED MEDICINE PULMON MED	(133-L811)	14,700.00
195.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI NATURAL HISTORY COUNCIL AWARD MSN AG&LSC ENTOMOLOGY	(133-L916)	2,490.00
196.	AMOCO CHEMICAL COMPANY NAPERVILLE, IL PRESIDENTIAL YOUNG INVESTIGATOR AWARD MSN ENGR ELEC & COM ENGR ELEC&COMP	(133-M055)	15,000.00
197.	SANKYO COMPANY, LTD. TOKYO, JAPAN PHARMACY RESEARCH MSN HS-PHR PHARMACY	(133-M108)	5,000.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

198.	MINNESOTA MINING AND MANUFACTURING COMPANY ST PAUL, MN INVESTIGATION OF SUPPORT BANDAGES ON THE LOWER LIMB OF THE HORSE MSN VET M SURGICAL SCI (133-M112)	368.87
199.	UW BIOPROCESS AND METABOLIC ENGINEERING CONSORTIUM MSN GRAD BIOTECHNOLGY CTR ENGR BIOTE (133-M124) 10,000.00 KRAFT GLENVIEW, IL 500.00 AGRACETUS MIDDLETON, WI	10,500.00
200.	UNION CARBIDE CORPORATION CLEVELAND, OH PROCESSING OF NATURAL GRAPHITE MSN ENGR MET & MIN ENGR (133-M165)	11,000.00
201.	BELOIT MEMORIAL HOSPITAL BELOIT, WI NEPHROLOGY DEVELOPMENT RESEARCH MSN HS-MED MEDICINE NEPHROLOGY (133-M167)	4,000.00
202.	BAXTER HEALTHCARE CORPORATION ROUND LAKE, IL THE EFFECT OF RIFAMPIN PROPHYLAXIS ON STAPHYLOCOCCUS AUREUS NASAL CARRIAGE, EXIT-SITE INFECTION, AND PERITONITIS IN A PERITONEAL DIALYSIS POPULATION MSN HS-MED MEDICINE NEPHROLOGY (133-M172)	15,975.00
203.	WHITAKER FOUNDATION CAMP HILL, PA AUTOMATED DNA SEQUENCING: A TOOL FOR THE CHARACTERIZATION OF HUMAN GENOME AND THE ANALYSIS OF GENETIC DEFECTS MSN L&S CHEMISTRY (133-M180)	50,000.00
204.	HANA BIOLOGICS, INC. ALAMEDA, CA PROLIFERATED HUMAN PANCREAS CELL TRANSPLANTATION MSN HS-MED SURGERY GEN SURG (133-M194)	2,535.00
205.	HURON MOUNTAIN WILDLIFE FOUNDATION CHICAGO, IL HURON MOUNTAINS RESEARCH MSN L&S GEOL & GEOPHYSCS (133-M199)	1,000.00
206.	CYTRX NORCROSS, GA EFFECTS OF F-68 AND RELATED AGENTS UPON RECOVERY FROM ISCHEMIC SHOCK AND ORGAN PRESERVATION FOR THE PERIOD 10-01-87 THRU 12-31-88 MSN HS-MED NEUROLOGY (133-M213)	18,000.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

207.	CLINICAL RESEARCH INTERNATIONAL, INC. RESEARCH TRIANGLE PARK, NC LOVASTATIN DOSE RANGING MULTICENTER TRIAL AWARD # CRI 022 MSN HS-MED MEDICINE	CARDIOLOGY (133-M246)	10,450.00
208.	MEIJI SEIKA KAISHA, LTD. TOKYO, JAPAN MIDECAMYCIN GENETICS AND BIOCHEMISTRY RESEARCH MSN HS-PHR PHARMACY	(133-M261)	6,000.00
209.	COSTUME SOCIETY OF AMERICA NEW YORK, NY STELLA BLUM AWARD MSN FR&CS FAM RSRC&CNSM SC ADMIN	(133-M311)	655.50
210.	LILLY RESEARCH LABORATORIES INDIANAPOLIS, IN HUMATROPE AND LOW DOSE ESTROGEN IN TURNER'S SYNDROME AWARD # 13783D MSN HS-MED PEDIATRICS	(133-M479)	1,630.40
211.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BASCOM PROFESSORSHIP MSN L&S STATISTICS	(133-M548)	5,000.00
212.	DUPONT CRITICAL CARE WAUKEGAN, IL CLINICAL TRIAL OF ORGAN PRESERVATION SOLUTION MSN HS-MED SURGERY	GEN SURG (133-M572)	7,021.00
213.	C.D.O. UNIVERSITY HOSPITAL INTERNISTS MADISON, WI PULMONARY IMMUNOLOGY RESEARCH MSN HS-MED MEDICINE	PULMON MED (133-M607)	8,174.19
214.	WYETH LABORATORIES PHILADELPHIA, PA RANDOMIZED, DOUBLE-BLIND, CROSSOVER, DOSE-RANGING COMPARISON OF SINGLE DOSES OF INTRAVENOUS ANARITIDE AND PLACEBO IN THE TREATMENT OF REVERSIBLE AIR FLOW OBSTRUCTION MSN HS-MED MEDICINE	ALLRGY&IMM (133-M657)	8,115.37
215.	BOEHRINGER INGELHEIM PHARMACEUTICALS THE WOODLAND, TX A 90-DAY PARALLEL GROUP COMPARISON OF INHALED IPRATROPIUM (ATROVENT) AND PLACEBO IN THE MAINTENANCE TREATMENT OF PATIENTS WITH ASTHMA MSN HS-MED MEDICINE	ALLRGY&IMM (133-M759)	10,200.00
216.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 04-15-88 THRU 12-31-89 AWARD # 88-11 HESSION MSN ENGR	CIVIL & ENV ENGR (133-M908)	1,632.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

217.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 05-23-88 THRU 05-31-89 AWARD # 88-11 VAN DEUREN MSN ENGR CIVIL & ENV ENGR	(133-M935)	175.00
218.	GLAXO INC. RESEARCH TRIANGLE PARK, NC A DOUBLE-BLIND, RANDOMIZED, PLACEBO-CONTROLLED DOSE-RANGING STUDY OF THE EFFICACY AND SAFETY OF TWICE-DAILY INTRANASAL ADMINISTRATION OF AQUEOUS FLUTICASONE PROPIONATE IN ADULT PATIENTS WITH SEASONAL ALLERGIC RHINITIS MSN HS-MED MEDICINE	ALLRGY&IMM (133-M956)	49,938.75
219.	WISC DEPT OF PUBLIC INSTRUCTION MADISON, WI EMPLOYEE INTERCHANGE AGREEMENT FOR THE PERIOD 06-01-88 THRU 04-14-89 MSN EDUC WIS VOC STU CTR W VOC ST C	(133-NO11)	924.00
220.	AMERICAN CANCER SOCIETY, INC. NEW YORK, NY CHARACTERIZATION AND CLINICAL APPLICATION OF HUMAN ANTINEOPLASTIC FOR THE PERIOD 07-01-88 THRU 06-30-89 AWARD # CH-237 MSN HS-MED HUMAN ONCOLOGY IMMUNOLOGY	(133-NO14)	142,000.00
221.	UNIVERSITY NEUROLOGICAL ASSOCIATES MADISON, WI NEURODYSPHAGIA CLINIC OPERATIONS MSN HS-MED NEUROLOGY	(133-NO24)	1,381.44
222.	MINNESOTA MINING AND MANUFACTURING COMPANY ST. PAUL, MN INVESTIGATION OF COLD WATER BANDAGES ON THE LOWER LIMB OF THE HORSE MSN VET M SURGICAL SCI	(133-NO56)	960.00
223.	MERCK SHARPE & DOHME RESEARCH LABORATORIES RAHWAY, NJ A DOUBLE-BLIND, PLACEBO-CONTROLLED ANGIOGRAPHIC STUDY TO EVALUATE THE EFFECT OF MENINOLIN (LOVASTATIN) ON THE PROGRESSION RATE OF ARTHEROSCLEROSIS IN CORONARY ARTERIES OF PATIENTS WITH CORONARY HEART DISEASE MSN HS-MED MEDICINE	CARDIOLOGY (133-NO84)	261,922.00
224.	STOLLER CHEMICAL CO., INC. HOUSTON, TX FRUIT & VEGTABLE RESEARCH MSN AG&LSC HORTICULTURE	(133-N102)	960.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

225.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SUPPORT OF RESEARCH SCIENTIST IN INSTITUTE FOR ENZYME RESEARCH MSN GRAD ENZYME INSTITUTE (133-N121)	14,000.00
226.	AMERICAN ACADEMY OF MEDICAL DIRECTORS TAMPA, FL NONRESIDENTIAL ADMINISTRATIVE MEDICINE PROGRAM MSN HS-MED PREVENTIVE MED (133-N129)	129,250.00
227.	WISCONSIN MILK MARKETING BOARD, INC. MADISON, WI DEVELOPMENT OF BASIC TECHNOLOGY FOR IMPROVING THE FLAVOR AND CONSUMER ACCEPTABILITY OF REDUCED- SODIUM CHEDDAR CHEESE FOR THE PERIOD 07-01-88 THRU 06-30-91 AWARD # WMMB 88-41 MSN AG&LSC DAIRY RESEARCH,C (133-N139)	223,531.00
228.	SYNTEX LABORATORIES, INC. PALO ALTO, CA PHARACOKINETICS OF NAPROXEN TABLETS AND NAPROXEN SUSPENSION IN JUVENILES FOLLOWING ORTHOPEDIC SURGERY MSN HS-MED SURGERY ORTHO SURG (133-N244)	2,000.00
229.	UPJOHN COMPANY KALAMAZOO, MI COLLABORATIVE FLEXIBLE-DOSE STUDY OF THE EFFICACY AND SAFETY OF DERACYN-SR TABLETS IN PANIC DISORDER WITH AGORAPHOBIA MSN HS-PSY PSYCHIATRIC INST (133-N247)	3,000.00
230.	MARION LABORATORIES INC. KANSAS CITY, MO "DOSE RANGING EVALUATION OF DILTIAZEM HYDROCHLORIDE SUSTAINED RELEASE CAPSULES VERSUS PLACEBO IN PATIENTS WITH CHRONIC STABLE ANGINA PECTORIS" MSN HS-MED MEDICINE CARDIOLOGY (133-N277)	19,584.00
231.	WISCONSIN CHILDREN'S CENTER/MADISON CHILDREN'S MUSEUM INC. MADISON, WI SUPPORT FOR CENTER FOR ARTS ADMINISTRATION PROJECT ASSISTANTS MSN BUS SCH OF BUSINESS (133-N331)	3,450.00
232.	NATIONAL GEOGRAPHIC SOCIETY WASHINGTON, DC ECOLOGY AND BEHAVIORAL BIOLOGY OF COTTON-TOP TAMARINS IN NORTHERN COLOMBIA FOR THE PERIOD 01-15-88 THRU 10-31-89 MSN L&S PSYCHOLOGY (133-N375)	14,000.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

233.	SYNTEX LABORATORIES, INC. PALO ALTO, CA COMPARISON OF KETOROLAC OPHTHALMIC, PRED. FORTE, AND DEXAMTHOSONE SODIUM PHOSPHATE IN REDUCING POST-OPERATIVE INFLAMATION IN PATIENTS UNDERGOING CATARACT EXTRACTION MSN HS-MED OPHTHALMOLOGY	(133-N376)	4,000.00
234.	MCNEIL PHARMACEUTICALS SPRING HOUSE, PA EVALUATION OF THE EFFECT OF ETOPERIDONE HYDROCHLORIDE ON SERUM LITHIUM LEVELS IN HEALTHY MALE VOLUNTEERS MSN HS-PSY PSYCHIATRIC INST	(133-N377)	13,932.00
235.	BAHR TECHNOLOGIES INC. MADISON, WI LORAN NAVIGATION RECEIVER PROJECT MSN ENGR MECHANICAL ENGR	(133-N380)	3,500.00
236.	WISC DEPT OF NATURAL RESOURCES MADISON, WI BIOGEOCHEMICAL FATE OF MERCURY IN THE AQUATIC ECOSYSTEM FOR THE PERIOD 09-01-88 THRU 06-30-89 AWARD # NRI 91664 MSN L&S LIMNOLOGY CTR	(133-N382)	48,731.00
237.	WISC DEPT OF HEALTH AND SOCIAL SERVICES MADISON, WI SMALL EMPLOYER HEALTH INSURANCE MAXIMIZATION PROJECT FOR THE PERIOD 02-01-88 THRU 11-30-88 AWARD # FAI 01137 MSN HS-ADM ADMINISTRATION HLTH POLCY	(133-N383)	15,800.00
238.	SCHERING-PLOUGH CORPORATION KENILWORTH, NJ PHASE 11/111 TRIAL OF RECOMBINANT GRANULOCYTE MACRONPHAGE-COLONY STIMULATING FACTOR IN PATIENTS WITH EXTENSIVE STAGE SMALL CELL CARCINOMA OF THE LUNG MSN HS-MED HUMAN ONCOLOGY IMMUNOLOGY	(133-N386)	11,393.75
239.	MORRIS ANIMAL FOUNDATION ENGLEWOOD, CO EVALUATION OF DEHYDROEPIANDROSTERONE THERAPY FOR THE TREATMENT OF OBESITY IN THE DOG FOR THE PERIOD OF 10-01-88 THROUGH 09-30-89 MSN VET M MEDICAL SCIENCES	(133-N387)	15,675.00
240.	UGANDA (GOVERNMENT OF) KAMPALA, UGANDA STUDY OF TENURE ISSUES AFFECTING LAND USE & DEFORESTATION IN FOREST RESERVES, GAME RESERVES AND NATIONAL PARKS FOR THE PERIOD 08-15-88 THRU 03-31-89 MSN AG&LSC LAND TENURE CTR	(133-N388)	30,855.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

241.	ILLINOIS DEPARTMENT OF MENTAL HEALTH AND DEVELOPMENT DISABILITIES SPRINGFIELD, IL RESIDENTIAL FACILITIES MONITORING SERVICE FOR THE PERIOD 07-01-88 THRU 06-30-89 MSN GRAD WAISMAN CENTER (133-N390)	3,100.00
242.	DREYFUS (CAMILLE & HARRY) FOUNDATION, INC. NEW YORK, NY DREYFUS DISTINGUISHED NEW FACULTY GRANT MSN L&S CHEMISTRY (133-N405)	24,500.00
243.	XYLAN, INC. MADISON, WI CHEMICAL TREATMENT OF FIBER MSN AG&LSC DAIRY SCIENCE (133-N407)	600.00
244.	JUVENILE DIABETES FOUNDATION INTERNATIONAL NEW YORK, NY ROLE OF HYPERGLYCEMIA IN DIABETIC NEUROPATHY FOR THE PERIOD 08-01-88 THRU 08-31-89 MSN HS-MED OPHTHALMOLOGY (133-N410)	40,451.00
245.	WISC DEPT OF NATURAL RESOURCES MADISON, WI BIOGEOCHEMICAL FATE OF MERCURY IN THE AQUATIC ECOSYSTEM FOR THE PERIOD 09-27-88 THRU 06-30-89 AWARD # NRI 91663 MSN ENGR ENGR EXPR STA WATER CHEM (133-N413)	39,956.00
246.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI "STUDIES WITH TUMOR PROMOTERS" { MSN HS-MED ONCOLOGY (133-N416)	15,000.00
247.	UNIVERSITY TECHNOLOGY TRANSFER, INC. TORRENCE, CA GALVANIC AND PIEZOELECTRIC MICROSENSORS FOR BIOACTIVE AGENTS AND CONTROLLED SUBSTANCES MSN L&S CHEMISTRY (133-N419)	18,500.00
248.	AMERICAN INSTITUTE OF THE HISTORY OF PHARMACY MADISON, WI SONNEDECKER RESEARCH ASSISTANTSHIP FUND MSN HS-PHR PHARMACY (133-N422)	6,250.00
249.	COUNCIL FOR TOBACCO RESEARCH NEW YORK, NY LOADING AND RESPIRATORY MUSCLE RECRUITMENT FOR THE PERIOD 01-01-89 THRU 12-31-89 AWARD # 2204 RI MSN HS-MED PREVENTIVE MED (133-N424)	76,140.00
250.	ALPHA ONE BIOMEDICALS, INC. WASHINGTON, DC EFFECTS OF THYMOSIN ON IMMUNE RESPONSES TO INFLUENZA VACCINE MSN HS-MED MEDICINE HEMATOLOGY (133-N426)	20,000.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

251.	WI POWER AND LIGHT MADISON, WI SLUDGE STABILIZATION PROJECT UTILIZING FLY ASH MSN ENGR CIVIL & ENV ENGR (133-N427)	7,000.00
252.	NATIONAL ASSOCIATION OF ANIMAL BREEDERS COLUMBIA, MO INTRANASAL VACCINATION OF CATTLE WITH RECOMBINANT BOVINE HERPESVIRUS-1 ENVELOPE GLYCOPROTEINS FOR THE PERIOD 10-01-88 THRU 09-30-89 MSN AG&LSC VETERINARY SCI (133-N428)	45,534.00
253.	NATIONAL ASSOCIATION OF ANIMAL BREEDERS COLUMBIA, MO SENSITIVE DETECTION OF BHV-1 IN BOVINE SEMEN BY POLYMERASE CHAIN FOR THE PERIOD 10-01-88 THRU 09-30-89 MSN AG&LSC VETERINARY SCI (133-N429)	19,000.00
254.	WISCONSIN PORK PRODUCER INDUSTRY FUND LANCASTER, WI PRICE ANALYSIS PORK MARKETING TAST FORCE MSN AG&LSC MEAT& ANIMAL SCI (133-N433)	3,000.00
255.	HERSHEY FOODS CORPORATION HERSHEY, PA DIETARY FIBER COMPONENTS IN BARLEY PRODUCTS MSN AG&LSC NUTRITIONAL SCI (133-N434)	2,000.00
256.	AMERICAN COLLEGE OF VETERINARY SURGEONS UNIVERSITY OF ILLINOIS URBANA, IL INVESTIGATION OF THE USE OF SUPEROXIDE DISMUTASE (SOD) AND POLYETHYLENE GLYCOL - SOD FOR THE PREVENTION OF REPERFUSION INJURY FOLLOWING GASTRIC DILATATION/VOLVULUS IN THE DOG FOR THE PERIOD OF 09-15-88 THROUGH 09-15-89 MSN VET M SURGICAL SCI (133-N435)	
257.	KALLESTAD DIAGNOSTICS CHASKA, MN EVALUATION OF RAPID DIAGNOSTIC TESTS FOR CHLAMYDIAL CONJUNCTIVITIS MSN HS-MED OPHTHALMOLOGY (133-N436)	5,000.00
258.	AMERICAN HEART ASSOCIATION DALLAS, TX VASOPRESSIN AND AREA POSTREMA INTERACTION IN HEART FAILURE FOR THE PERIOD 07-01-88 THRU 06-30-91 AWARD # 88-951 MSN HS-MED MEDICINE CARDIOLOGY (133-N437)	99,000.00
259.	ANONYMOUS DONOR RESEARCH IN THE DEPARTMENT OF PATHOLOGY MSN HS-MED PATHOL & LAB MED ANAT PATH (133-N438)	10,000.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

260.	AMOCO CORPORATION NAPERVILLE, IL AMOCO BEAMLINE AT THE 1 GEV ELECTRON STORAGE RING FOR THE PERIOD 10-01-88 THRU 12-31-89 MSN GRAD SYNCHR RAD CTR SRC CTL AC (133-N439)	335,000.00
261.	SOLLAC PARIS, FRANCE TECHNOLOGICAL CHANGE AND STRATEGIC DECISION MAKING: THE CASE OF THE US STEEL INSTUSTRY MSN ENGR INDUSTRIAL ENGR (133-N440)	24,950.00
262.	WISC DEPT OF NATURAL RESOURCES MADISON, WI EFFECT OF SOIL TYPE ON ATRAZINE AND ALACHLOR MOVEMENT THROUGH THE UNSATURATED ZONE FOR THE PERIOD 10-05-88 THRU 06-30-89 AWARD # P.O. NRI 91826 MSN AG&LSC SOIL SCIENCE (133-N443)	15,140.00
263.	ASTRA PHARMACEUTICAL PRODUCTS, INC. WESTBOROUGH, MA CLINICAL EVALUATION OF THE SAFETY, EFFICACY & EFFICIENCY OF USE OF HEMOPAD IN THE MANAGEMENT OF MINOR EPISTAXIS IN THE PRIMARY CARE SETTING MSN HS-MED SURGERY OTOLARYN (133-N446)	5,000.00
264.	COUNCIL ON LIBRARY RESOURCES WASHINGTON, DC SYMPOSIUM ON "THE 21ST CENTURY AND THE FUTURE OF THE BOOK" FOR THE PERIOD 09-23-88 THRU 05-31-89 MSN L&S LIB&INF ST (133-N451)	2,825.00
265.	EASTMAN KODAK COMPANY ROCHESTER, NY INCINERATION OF SPENT PHOTOFINISHING LIQUIDS FOR THE PERIOD 09-01-88 THRU 08-31-89 MSN ENGR MECHANICAL ENGR (133-N452)	25,000.00
266.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 09-29-88 THRU 12-31-88 AWARD # 88-11 DESOTELLE MSN ENV ST INSTRUCTNL PROG INSTR PROG (133-N456)	1,861.85
267.	MADISON (CITY OF) MADISON, WI NEIGHBORHOOD ENERGY USE PROFILES PROJECT FOR THE PERIOD 09-01-88 THRU 01-31-89 AWARD # 49104 MSN ENV ST ENVIR POLICY ST (133-N457)	3,399.36
268.	BRADLEY (LYNDE AND HARRY) FOUNDATION MILWAUKEE, WI DETERMINANTS OF INVENTORY FLUCTUATIONS FOR THE PERIOD 08-01-88 THRU 07-31-89 MSN L&S ECONOMICS (133-N464)	15,160.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

269.	INTERNATIONAL BUSINESS MACHINES CORPORATION MILFORD, CT JOINTLY DEFINED EFFORT TO ENHANCE PRODUCTIVITY IN THE HUMAN RESOURCE AND INDUSTRIAL RELATIONS FUNCTION AND IN INDUSTRIAL RELATIONS EDUCATION FOR THE PERIOD 09-01-88 THRU 08-31-91 MSN L&S IND REL RES INST (133-N471)	40,000.00
270.	WISC DEPT OF NATURAL RESOURCES MADISON, WI COOPERATIVE INTERNSHIP AGREEMENT FOR THE PERIOD 09-19-88 THRU 05-31-89 AWARD # 88-11 STEINES MSN ENGR CIVIL & ENV ENGR (133-N474)	4,725.00
271.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SPRAY AND PARTICLE PROCESSING MSN ENGR CHEMICAL ENGR (133-N482)	6,000.00
272.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI EARTHWATCHING 111 MSN ENV ST ADMINISTRATION PUBL,INFO (133-N485)	7,295.00
273.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI EARTHWATCHING 111 MSN GRAD SEA GRANT INSTIT (133-N486)	7,295.00
274.	VITA PLUS CORPORATION MADISON, WI EFFECT OF PROCESSING ON THE FEEDING VALUE OF OF SOYBEANS FOR DAIRY CATTLE MSN AG&LSC DAIRY SCIENCE (133-N490)	4,750.00
275.	AMERICAN SOCIETY OF HOSPITAL PHARMACISTS RESEARCH AND EDUCATION FOUNDATION BETHESDA, MD DEVELOPMENT OF A NATIONAL CLINICAL PHARMACY SERVICES DATA BASE MSN HS-PHR PHARMACY (133-N492)	20,000.00
276.	SIDS-INFANT BOTULISM PREVENTION PROGRAM BERKELEY, CA SUPPLY OF HEMAGGLUSTININ PROTEIN PURIFIED FROM CLOSTRIDIUM BOTULINUM, TYPE A-HALL STRAIN AWARD # PHF-88-1012 MSN AG&LSC FOOD MICRO&TOXIC (133-N493)	429.00
277.	ORTHO PHARMACEUTICAL CORPORATION RARITAN, NJ USE OF INDOMETHACIN TO MINIMIZE FIRST-DOSE REACTIONS TO ORTHOCLONE OKT 3 IN THE TREATMENT OF ACUTE RENAL REJECTION "CLIN" MSN HS-MED SURGERY GEN SURG (133-N495)	8,697.20

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

278.	COLUMBIA FALLS ALUMINUM COMPANY COLUMBIA FALLS, MT STUDY OF BASIC AND CLINICAL ASPECTS OF EXPERIMENTAL FLUORINE TOXICOSIS MSN AG&LSC BIOCHEMISTRY	(133-3220)	1,000.00
279.	MULTIPLE DONORS LEUKEMIA RESEARCH-DEPARTMENT OF PEDIATRICS MSN HS-MED PEDIATRICS	(133-3535)	100.00
280.	SCHWAN'S SALES ENTERPRISES, INC. MARSHALL, MN MULTIPLE SCLEROSIS RESEARCH MSN HS-MED	(133-4349)	766.00
281.	MULTIPLE DONORS UNRESTRICTED FUND TO BE USED AT THE DISCRETION OF THE CHAIRMAN OF THE DEPARTMENT OF GENETICS (MEDICAL) AS APPROVED BY THE DEAN OF THE MEDICAL SCHOOL MSN HS-MED GENETICS	(133-4379)	1,020.00
282.	WEED CONTROL IN AGRONOMIC CROPS MSN AG&LSC AGRONOMY	(133-5014)	
	4,000.00	TERRA INTERNATIONAL, INC. SIOUX CITY, IA	
	6,750.00	BASF CORPORATION PARSIPPANY, NJ	
			10,750.00
283.	ESTATE OF ALICE CLARA BECK MONTICELLO, WI RESEARCH IN DIABETIC RETINOPATHY MSN HS-MED OPHTHALMOLOGY	(133-5612)	794.80
284.	MULTIPLE DONORS SUPPORT RESEARCH ON METHODS AND MATERIALS FOR WEED CONTROL IN FRUIT AND VEGETABLE CROPS MSN AG&LSC HORTICULTURE	(133-7179)	4,800.00
285.	MULTIPLE DONORS SUPPORT NEUROPSYCHOLOGY LABORATORY OF THE DEPARTMENT OF NEUROLOGY MSN HS-MED NEUROLOGY	(133-7446)	123.18
286.	WISCONSIN CROP IMPROVEMENT ASSOCIATION MADISON, WI GROWTH REGULATOR RESEARCH ON AGRONOMIC CROPS MSN AG&LSC AGRONOMY	(133-8218)	10,000.00
287.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BASCOM PROFESSORSHIP MSN ENGR MECHANICAL ENGR	(133-8753)	5,000.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

RESEARCH

288.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BASCOM PROFESSORSHIP MSN L&S SPANISH & PORT	(133-8755)	5,000.00
289.	ADULT NEPHROTIC SYNDROME STUDY MSN HS-MED MEDICINE NEPHROLOGY	(133-8979)	
	50.00 MULTIPLE DONORS 1,000.00 AMERICAN KIDNEY FUND ROCKVILLE, MD		1,050.00
290.	CANNERS SEED CORPORATION IDAHO FALLS, ID STUDY OF RESISTANCE OF SWEET CORN TO THE EUROPEAN CORN BORER MSN AG&LSC AGRONOMY	(133-9123)	500.00
291.	THEIS BROTHERS VERONA, WI AGRONOMY SMALL GRAIN RESEARCH FUND MSN AG&LSC AGRONOMY	(133-9179)	651.17
292.	WEED RESEARCH IN TURF, ORNAMENTALS AND TOBACCO MSN AG&LSC HORTICULTURE	(133-9262)	
	2,910.88 WI TOBACCO GROWERS & DEALERS ASSOCIATION STOUGHTON, WI 171.56 MULTIPLE DONORS 576.00 BASF CORPORATION PARSIPPANY, NJ		3,658.44
293.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SUPPORT CANCER RESEARCH IN THE CLINICAL CANCER CENTER MSN HS-MED HUMAN ONCOLOGY	(133-9268)	29,334.63
294.	NORTHROP KING MINNEAPOLIS, MN WISCONSIN AGRONOMY CORN GENETICS RESEARCH FUND MSN AG&LSC AGRONOMY	(133-9931)	16,976.00

STUDENT AID

1.	CALIFORNIA FIRST BANK SAN DIEGO, CA MANCHESTER, JOHN D. MANCHESTER, JOHN D. LOAN--FUND MSN G E A	(LOANS)	33,804.49
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GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

STUDENT AID

2.	KIPP, WILLIAM H.--SCHOLARSHIP MSN G SERV FELLOWS & SCHOLS	(TRUST)	
	77.38 EARNINGS ON MISC. INVESTMENTS		
	31.39 EARNINGS ON MISC. INVESTMENTS		
			108.77
3.	CONTINENTAL BANK CHICAGO, IL SCHULTE, HELEN D. TRUST SCHULTE, WALTER B.--SCHOLARSHIP FUND MSN ENGR CHEMICAL ENGR	(TRUST)	16,567.57
4.	EARNINGS ON MISC. INVESTMENTS KORESH, GEORGE--LOAN FUND MSN BUS SV BURSAR	(TRUST)	212.50
5.	MULTIPLE DONORS SCHOOL OF EDUCATION--SCHOLARSHIP MSN EDUC GENERAL ADMIN DEAN'S OFF	(TRUST)	44.36
6.	INCOME TO BE USED FOR GRADUATE FELLOWSHIPS WITH *** NO MORE THAN TWO ADAMS ACCOUNTS BEING COMBINED AND PAID TO ANY ONE INDIVIDUAL IN ANY ONE YEAR. *** ADAMS, C.K.--GREEK FELLOWSHIP # 5 MSN L&S CLASSICS	(TRUST)	
7.	VETERINARY MEDICINE SCHOLARSHIP FUND MSN VET M ADMIN-ACAD AFF'S ACAD AFF'S	(TRUST)	
	500.00 WISCONSIN NATIONAL GUARD ASSN, INC MADISON, WI		
	550.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI		
			1,050.00
8.	MEDICAL SCHOOL LOW COST LOAN FUND MSN HS-MED ADMINISTRATION DEANS OFFC	(TRUST)	
	5,000.00 GOLDBOR, HERBERT EXECUTOR CHAMPAIGN, IL GOLDBOR, DR. ELEANOR		
	27.50 MULTIPLE DONORS		
			5,027.50
9.	PRUDENTIAL INSURANCE SAN FRANCISCO, CA ROWE, HARRY J. UW-MADISON LEADERSHIP TRUST MSN G SERV FELLOWS & SCHOLS	(TRUST)	68.95

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

STUDENT AID

10.	BITGOOD, JAMES J. MADISON, WI MCGIBBON, W.H.--SCHOLARSHIP MSN AG&LSC POULTRY SCIENCE	(TRUST)	100.00
11.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PETERSON, H. ISABELLE--SCHOLARSHIP FUND MSN HS-MED	(TRUST)	1,550.00
12.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI POLITICAL SCIENCE GRADUATE FELLOWSHIP FUND MSN L&S POLITICAL SCI	(TRUST)	1,000.00
13.	STEVENSON, ANN L.--SCHOLARSHIP FUND MSN BUS SCH OF BUSINESS	(TRUST)	
	275.40 STEVENSON, ANN L. ESTATE ARLINGTON, WI 235,000.00 CALLAHAN AND ARNOLD ARLINGTON, WI STEVENSON, ANN L. ESTATE		
			235,275.40
14.	CENTRAL CAROLINA BANK & TRUST CO DURHAM, NC MULTIPLE DONORS SHERK, DANIEL L.--AWARD IN CHEMISTRY MSN L&S CHEMISTRY	(TRUST)	1,715.00
15.	EDUCATION, DEPT OF WASHINGTON, DC IN SUPPORT OF THE FOLLOWING:		
1)	INDIAN EDUCATION PROGRAMS FOR THE PERIOD 09-01-88 THROUGH 08-31-89 AWARD # S087B80043 MSN GRAD	(144-AR36)	4,546.00
2)	PELL GRANT PROGRAM - ADMINISTRATIVE ALLOWANCE FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AT A TOTAL COST OF \$23,660.00 AWARD # R008802947, MOD. 1 MSN AC SVC STU FINAN AIDS STU F AIDS	(144-Z680)	285.00
3)	JACOB K JAVITS FELLOWS PROGRAM FOR THE PERIOD 09-01-87 THROUGH 08-31-89 AT A TOTAL COST OF \$160,000.00 AWARD # G008710724-88, MOD. 1 MSN GRAD	(144-Z900)	80,000.00
16.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI VIVIAN MOWRY ENGLISH SCHOLARSHIP FUND MSN L&S ENGLISH	(133-A557)	1,500.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

STUDENT AID

17.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOLARSHIP IN MECHANICAL ENGINEERING MSN ENGR MECHANICAL ENGR	(133-A754)	500.00
18.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI RICHARD D. POWELL MEMORIAL AWARD MSN AG&LSC ACAD STU AFF ADM	(133-B295)	136.70
19.	EASTMAN KODAK COMPANY ROCHESTER, NY ENGINEERING UNDERGRADUATE SCHOLARSHIPS MSN ENGR	(133-C484)	8,356.50
20.	WISCONSIN DAIRY TECHNOLOGY SOCIETY MADISON, WI PROFESSOR K. G. WECKEL MEMORIAL SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM	(133-C979)	600.00
21.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI TOUCHE ROSS & CO. SCHOLARSHIP MSN BUS SCH OF BUSINESS	(133-D281)	800.00
22.	WAUKESHA COUNTY PHARMACEUTICAL ASSOCIATION PEWAUKEE, WI UNDERGRADUATE SCHOLARSHIPS MSN HS-PHR PHARMACY	(133-D965)	300.00
23.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI O. R. ZEASMAN MEMORIAL SCHOLARSHIP FUND MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	(133-E258)	54.23
24.	GRACE (W R) & CO. COLUMBIA, MD GRADUATE FELLOWSHIP IN CHEMISTRY MSN L&S CHEMISTRY	(133-F143)	10,000.00
25.	GRACE (W R) & CO. COLUMBIA, MD FELLOWSHIP IN CHEMICAL ENGINEERING MSN ENGR CHEMICAL ENGR	(133-F189)	10,000.00
26.	WISCONSIN RURAL REHABILITATION CORPORATION MADISON, WI SCHOLARSHIPS FOR NEEDY YOUNG MEN AND WOMEN FROM WISCONSIN FAMILY FARMS WHO ARE ENROLLED IN THE UW SCHOOL OF VETERINARY MEDICINE MSN VET M ADMIN-ACAD AFF'S ACAD AFF'S	(133-G117)	4,000.00
27.	WISCONSIN DAIRY HERD IMPROVEMENT COOP MADISON, WI FARM AND INDUSTRY SHORT COURSE SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM	(133-G614)	300.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

STUDENT AID

28.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HARRY D. TIEMANN MEMORIAL SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	(133-G715)	1,000.00
29.	UNIVERSITY LEAGUE, INC. MADISON, WI UNIVERSITY LEAGUE SCHOLARSHIP IN THEATRE AND DRAMA MSN L&S THEATRE & DRAMA	(133-H325)	300.00
30.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PAUL A. CARLSON SCHOLARSHIP MSN BUS SCH OF BUSINESS	(133-J239)	2,000.00
31.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CHECKERS, SIMON & ROSNER SCHOLARSHIP MSN BUS SCH OF BUSINESS	(133-J240)	1,050.00
32.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI L.J. LARSON EXCELLENCE AWARD MSN BUS SCH OF BUSINESS	(133-J241)	750.00
33.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI KENNETH B. WACKMAN SCHOLARSHIP MSN BUS SCH OF BUSINESS	(133-J242)	250.00
34.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WIGGIN'S CHARITABLE TRUST SCHOLARSHIP MSN BUS SCH OF BUSINESS	(133-J243)	1,000.00
35.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WILLIAMS, YOUNG & ASSOCIATES SCHOLARSHIP MSN BUS SCH OF BUSINESS	(133-J244)	1,500.00
36.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WIPFLI, ULLRICH & CO. SCHOLARSHIP MSN BUS SCH OF BUSINESS	(133-J245)	500.00
37.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI EARL F. AIKEN SCHOLARSHIP FUND MSN BUS SCH OF BUSINESS	(133-J246)	500.00
38.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MAY DEPARTMENT STORES FOUNDATION MSN BUS SCH OF BUSINESS	(133-J248)	1,000.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

STUDENT AID

39.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI REXFORD H. FLUNO SCHOLARSHIP MSN BUS SCH OF BUSINESS	(133-J249)	2,000.00
40.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ELSIE IVERSEN SCHILDHAUER MEMORIAL SCHOLARSHIP MSN BUS SCH OF BUSINESS	(133-J252)	500.00
41.	AT & T BELL LABORATORIES SHORT HILLS, NJ AT & T BELL LABORATORIES COOPERATION RESEARCH FELLOWSHIP PROGRAM MSN ENGR CHEMICAL ENGR	(133-J629)	2,466.00
42.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI EDWARD A. DUE MEMORIAL SCHOLARSHIP MSN BUS SCH OF BUSINESS	(133-J770)	2,500.00
43.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI NATIONAL ASSOCIATION OF ACCOUNTANTS SCHOLARSHIP MSN BUS SCH OF BUSINESS	(133-K627)	600.00
44.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HAROLD O FROBACH MEMORIAL SCHOLARSHIP MSN BUS SCH OF BUSINESS	(133-K629)	500.00
45.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GTE PROJECT/RESEARCH ASSISTANTSHIPS MSN BUS SCH OF BUSINESS	(133-K684)	5,000.00
46.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WARREN R VON EHREN SCHOLARSHIP MSN HS-MED PREVENTIVE MED	(133-K801)	500.00
47.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HOUGHTON, TAPLICK & CO. SCHOLARSHIP MSN BUS SCH OF BUSINESS	(133-K851)	500.00
48.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MORTON, NEHLS & TIERNEY, S.C. SCHOLARSHIP MSN BUS SCH OF BUSINESS	(133-K852)	500.00
49.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEAN OF STUDENTS EMERGENCY FUND MSN G E A DEAN OF STUDENTS ADMIN	(133-L007)	3,000.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

STUDENT AID

50.	BURROUGHS WELLCOME COMPANY RESEARCH TRIANGLE PARK, NC BURROUGHS-WELLCOME COMPANY SCHOLARSHIPS MSN HS-PHR PHARMACY	(133-LO47)	1,500.00
51.	FREDDIE GAGE MEMORIAL SCHOLARSHIP FUND (STUDENT TO HAVE RECEIVED SCHOLARSHIP WITHDREW FROM THE PROGRAM) MSN AG&LSC ACAD STU AFF ADM SH CRS SCH	(133-L074)	
	500.00 MULTIPLE DONORS 100.00- DE FOREST HIGH SCHOOL DE FOREST, WI		400.00
52.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PROFESSOR AND MRS. HARRY D. WOLFE SCHOLARSHIP MSN BUS SCH OF BUSINESS	(133-L927)	1,500.00
53.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GEORGE AND NELL NELSON SCHOLARSHIP MSN BUS SCH OF BUSINESS	(133-L929)	1,500.00
54.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI UW REAL ESTATE ALUMNI SCHOLARSHIPS MSN BUS SCH OF BUSINESS	(133-L992)	500.00
55.	EASTMAN KODAK COMPANY ROCHESTER, NY KODAK FELLOWS PROGRAM GRADUATE FELLOWSHIPS MSN HS-MED PHYSIOLOG CHEM	(133-M166)	2,700.00
56.	LIFE HEALTH INSURANCE MEDICAL RESEARCH FUND WASHINGTON, DC LUTHERAN BROTHERHOOD SCHOLARSHIP MSN HS-MED HUMAN ONCOLOGY	(133-M709)	7,000.00
57.	CENEX FOUNDATION INVER GROVE HIGHTS, MN SCHOLARSHIPS FOR STUDENTS IN THE COLLEGE OF AGRICULTURAL AND LIFE SCIENCES 1988-89 MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	(133-N366)	2,250.00
58.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI CLAUDE J. JASPER MEMORIAL SCHOLARSHIP IN LAW MSN LAW LAW SCHOOL	(133-N414)	1,500.00
59.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI KAREN SPECTOR MEMORIAL SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	(133-N418)	500.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

STUDENT AID

60.	LIFE & HEALTH INSURANCE MEDICAL RESEARCH FUND WASHINGTON, D.C. LIFE & HEALTH INSURANCE MEDICAL RESEARCH FUND SCHOLARSHIP MSN HS-MED ONCOLOGY	(133-N420)	8,000.00
61.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI SCHOLARSHIPS FOR STUDENTS IN THE COLLEGE OF AGRICULTURE AND LIFE SCIENCES MSN AG&LSC ACAD STU AFF ADM SCHOLRSHIP	(133-N449)	500.00
62.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI QUIN KOLB SCHOLARSHIP MSN AG&LSC ACAD STU AFF ADM SHORT C -	(133-N461)	100.00
63.	PHILLIPS FRIENDLY PHARMACIES INC WAUKESHA, WI FRANK W. PHILLIPS SCHOLARSHIP FUND MSN HS-PHR PHARMACY	(133-N483)	500.00
64.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BATES AND ROGERS CIVIL ENGINEERING SCHOLARSHIP AWARDS MSN ENGR CIVIL & ENV ENGR	(133-1129)	2,600.00
65.	WEST SIDE GARDEN CLUB MADISON, WI LONGNECKER SCHOLARSHIP IN THE FIELD OF LANDSCAPE ARCHITECTURE MSN AG&LSC ACAD STU AFF ADM	(133-2076)	200.00
66.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GRANT THORNTON SCHOLARSHIP MSN BUS SCH OF BUSINESS	(133-2971)	800.00
67.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI BETA ALPHA PSI ALUMNI FUND-ACCOUNTING EDUCATIONAL PROGRAM MSN BUS SCH OF BUSINESS	(133-3090)	2,300.00
68.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MINNESOTA MINING AND MANUFACTURING COMPANY ACCOUNTANCY FELLOWSHIP MSN BUS SCH OF BUSINESS	(133-3632)	158.00
69.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ARTHUR ANDERSON AND COMPANY GRADUATE ACCOUNTING SCHOLARSHIPS MSN BUS SCH OF BUSINESS	(133-4253)	1,000.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

STUDENT AID

70.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI PRICE WATERHOUSE SCHOLARSHIPS TO GRADUATE OR UNDERGRADUATE STUDENTS MAJORING IN ACCOUNTING MSN BUS SCH OF BUSINESS (133-4294)	5,000.00
71.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ARTHUR YOUNG AND COMPANY SCHOLARSHIP MSN BUS SCH OF BUSINESS (133-4295)	1,000.00
72.	WISCONSIN ROAD BUILDERS ASSOCIATION MADISON, WI SCHOLARSHIP IN CIVIL & ENVIRONMENTAL ENGINEERING MSN ENGR CIVIL & ENV ENGR (133-4867)	500.00
73.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI MCGLADREY, HENDRICKSON, AND PULLEN AWARD IN ACCOUNTING MSN BUS SCH OF BUSINESS (133-5280)	500.00
74.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI ERNST & WHINNEY SCHOOL OF BUSINESS SCHOLARSHIP- FELLOWSHIP MSN BUS SCH OF BUSINESS (133-5281)	200.00
75.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI HARRY A BULLIS SCHOLARSHIP FUND MSN BUS SCH OF BUSINESS (133-6107)	1,000.00
76.	BRANN (ETHEL M) FOUNDATION, INC GREEN BAY, WI SCHOLARSHIP FOR GRADUATE STUDY IN THE AREA OF PUBLIC LIBRARIANSHIP MSN L&S LIB&INF ST (133-7541)	1,500.00
77.	UNDERGRADUATE ACTUARIAL SCHOLARSHIP FUND-HIGH SCHOOL SCHOLARSHIP PROGRAM MSN BUS SCH OF BUSINESS (133-8377)	
	1,800.00 THE PRINCIPAL FOUNDATION DES MOINES, IA	
	3,300.00 UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI	5,100.00
78.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI GERTRUDE ANTHONY SCHOLARSHIP IN THE DEPARTMENT OF HOME MANAGEMENT AND FAMILY LIVING MSN FR&CS FAM RSRC&CNSM SC ADMIN (133-8878)	2,500.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

STUDENT AID

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| 79. | WISCONSIN RURAL REHABILITATION CORPORATION
MADISON, WI
TEN SCHOLARSHIPS SUFFICIENT TO COVER RESIDENT
TUITION FOR NEEDY PERSONS FROM WISCONSIN FAMILY
FARMS WHO HAVE FINANCIAL NEED AND WHO ARE ENTERING
OR CONTINUING STUDY IN THE SCHOOL OF NURSING RE-
DUCED TO REFLECT ENROLLMENT OF ONLY SEVEN STUDENTS
MSN HS-NUR (133-8956) | 967.50 |
| 80. | INSTITUTE OF TURKISH STUDIES, INC.
WASHINGTON, DC
FELLOWSHIPS FOR STUDENTS SPECIALIZING IN SUBJECTS
RELATING TO THE HISTORY, SOCIETY AND CULTURE OF
TURKEY
MSN G E A INTL STU & PROGS (133-9131) | 1,500.00 |

UNRESTRICTED

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| 1. | MALLINCKRODT, INC.
ST LOUIS, MO
UNRESTRICTED GRANT IN THE ENDOCRINOLOGY
AND METABOLISM SECTION
MSN HS-MED MEDICINE ENDOCRINOL (133-M478) | 700.00 |
| 2. | MULTIPLE DONORS
DEPARTMENT OF RURAL SOCIOLOGY DISCRETIONARY FUND
MSN AG&LSC RURAL SOCIOLOGY (133-M652) | 50.00 |
| 3. | MADISON GENERAL HOSPITAL MEDICAL
AND SURGICAL FOUNDATION, INC.
MADISON, WI
DISCRETIONARY FUND IN THE DEPARTMENT OF
OBSTETRICS AND GYNECOLOGY
MSN HS-MED OBSTET & GYNECOL (133-M900) | 1,200.00 |
| 4. | MULTIPLE DONORS
DEPARTMENT OF SOCIAL WORK DISCRETIONARY ACCOUNT
MSN L&S SOCIAL WORK (133-N379) | 100.00 |
| 5. | UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
UNRESTRICTED ACCOUNT FOR BIOMATERIALS RESEARCH
MSN ENGR CHEMICAL ENGR (133-N415) | 10,000.00 |
| 6. | UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
DISCRETIONARY ACCOUNT
MSN HS-MED ANATOMY (133-N432) | 5,000.00 |
| 7. | UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
RUSSELL T. GREGG MEMORIAL FUND
MSN EDUC EDUC ADMIN (133-N445) | 500.00 |

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MADISON

UNRESTRICTED

8.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DISCRETIONARY FUND FOR EMERITUS PROFESSOR F.H. ATTIX MSN HS-MED MEDICAL PHYSICS	(133-N450)	1,000.00
9.	INTEL CORPORATION CHANDLER, AZ UNRESTRICTED SUPPORT FOR THE CHARACTERIZATION OF MOISTURE TRANSPORT IN POLYMER FILMS (PHASE 1--DIE COATING FLIMS) AWARD # RES MQE243981 MSN ENGR ELEC & COM ENGR ELEC&COMP	(133-N466)	6,500.00
10.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI DEPARTMENT OF EDUCATION PSYCHOLOGY DISCRETIONARY FUND MSN EDUC EDUC PSYCHOLOGY	(133-N480)	500.00
11.	SYNTEX LABORATORIES, INC. PALO ALTO, CA UNRESTRICTED GRANT MSN HS-MED MEDICINE	CLIN PHARM (133-N488)	350.00
12.	DIABETES RESEARCH FUND NEW ROCHELLE, NY DEPARTMENT OF PATHOLOGY DISCRETIONARY ACCOUNT MSN HS-MED PATHOL & LAB MED ANAT PATH	(133-5415)	1,000.00

TOTAL MADISON

22,081,833.28

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EXTENSION AND PUBLIC SERVICE	69,209.00
INSTRUCTION	534,410.00
LIBRARIES	200,649.05
MISCELLANEOUS	1,902,457.08
PHYSICAL PLANT	408,683.00
RESEARCH	18,438,430.68
STUDENT AID	501,094.47
UNRESTRICTED	26,900.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MILWAUKEE

GIFT-IN-KIND

1. UWM FOUNDATION
MILWAUKEE, WI
GIFT OF SONY WALKMAN CASSETTE TAPE RECORDER
TO UWM FIELD STATION
MIL L&S FIELD STATION
2. TANDY-RADIO SHACK
FORT WORTH, TX
GIFT OF COMPUTER EQUIPMENT FOR A PROJECT
ENTITLED "IDENTIFYING AND EVALUATING APPROPRIATE
USES OF MICROCOMPUTERS WITH AT-RISK"
MIL AC AFF DISABLD STU SVCS
3. UWM FOUNDATION/SHAW FUNDS
MILWAUKEE, WI
GIFT OF IBM EQUIPMENT: MICROCOMPUTER & PERIPHERAL
"QUEUE SYSTEMS" FERMENTOR SYSTEM SPECTROPHOTOMETER
MIL GRAD GT LKS ST, CTR F
4. TANDY-RADIO SHACK
FORT WORTH, TX
GIFT OF EQUIPMENT FOR THE PROJECT ENTITLED,
"INNOVATIVE USES OF VIDEO TECHNOLOGY IN THE
CLASSROOM"
MIL L&I SC SCH-LIB&INF SCI
5. UWM FOUNDATION
MILWAUKEE, WI
GIFT OF A MITA COPY MACHINE
MIL L&S HISTORY
6. UWM FOUNDATION (ACCT. #562)
MILWAUKEE, WI
GIFT OF COMPUTER EQUIPMENT
MIL NURS HLTH RESTORATION
7. IMED CORPORATION
RACINE, WI
GIFT OF A IMED VOLUMETRIC INFUSION PUMP
MODEL 970 SERIAL #970-1131
MIL NURS HLTH MAINTENANCE

INSTRUCTION

1. EDUCATION, DEPT OF
WASHINGTON, D. C.
IN SUPPORT OF THE FOLLOWING:
 - 1) LONG-TERM TRAINING IN REHABILITATION COUNSELING-
REHABILITATION COUNSELOR EDUCATION PROGRAM
FOR THE PERIOD 09-01-88 THROUGH 08-31-89
AWARD # H 129B 80002-88
MIL EDUC EDUC PSYCHOLOGY (144-AQ34) 154,133.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MILWAUKEE

INSTRUCTION

2)	<p>OUTREACH TRAINING PROGRAM FOR TEACHERS OF EMOTIONALLY DISTURBED CHILDREN FOR THE PERIOD 09-01-88 THROUGH 08-31-89 AWARD # H029 B80227 MIL EDUC EXCEPTIONAL EDUC (144-AR11)</p>	47,781.00
2.	<p>JOHNSON COUNTY COMMUNITY COLLEGE OVERLAND PARK, KANSAS PRIME CONTRACTOR WITH DED INTERPRETER TRAINING OUTREACH PROGRAM FOR THE PERIOD 09-01-88 THROUGH 08-31-89 MIL EDUC EXCEPTIONAL EDUC (144-AQ91)</p>	9,880.00
3.	<p>NATIONAL ENDOWMENT FOR THE HUMANITIES WASHINGTON, D. C. THE QUESTION OF POSTMODERNISM IN LITERATURE FOR THE PERIOD 10-01-88 THROUGH 09-30-89 AWARD # FS-21999-88 MIL L&S TWENTIETH CEN ST (144-AQ63)</p>	78,102.00
4.	<p>STATE, DEPT OF WASHINGTON, DC PARTNERSHIP BETWEEN UNIVERSITY OF WISCONSIN- MILWAUKEE AND AN-NAJAH NATIONAL UNIVERSITY, NABLUS, THE WEST BANK FOR THE PERIOD 08-01-86 THROUGH 11-30-90 AWARD # IA-AEGH-G6192658 MIL L&S INTL RELATIONS (144-Y608)</p>	20,000.00
5.	<p>ST. LUKES HOSPITAL MILWAUKEE, WI EPISODIC HEALTH DISRUPTIONS: THEORY TO PRACTICE FOR THE PERIOD 06/19/89 THROUGH 08/12/89 MIL NURS ADMIN DEAN (133-D765)</p>	121,944.00
6.	<p>MILWAUKEE PUBLIC SCHOOLS MILWAUKEE, WI MILWAUKEE PUBLIC SCHOOLS GRADUATE ASSISTANTSHIP IN INFORMATION RESOURCE MANAGEMENT AWARD # P.C. NO. 52725 MIL L&I SC SCH-LIB&INF SCI (133-G412)</p>	6,810.00
7.	<p>WISCONSIN DEPARTMENT OF PUBLIC INSTRUCTION MADISON, WI GATEWAY TO ENGINEERING AND SCIENCE TECHNOLOGY SCHOLARSHIP PROGRAM AWARD # CK. #A8877257 MIL ENG&AS ADMINISTRATION PRECOLLEGE (133-K728)</p>	19,950.00
8.	<p>UWM FOUNDATION ACCT. 569.0 HENRY MAIER CHAIR IN URBAN STUDIES MILWAUKEE, WI FUNDS TO PAY SALARY COSTS FOR MAIER CHAIR IN URBAN STUDIES LIBRARY MIL L&S URBAN STUDIES PR URB ST PRG (133-M937)</p>	113,667.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MILWAUKEE

INSTRUCTION

- | | | |
|-----|---|-----------|
| 9. | ST. LUKE'S HOSPITAL
MILWAUKEE, WI
CURRENT TOPICS: CRITICAL CARE NURSING
FOR THE PERIOD 12/01/88 THROUGH 07/01/89
MIL NURS ADMIN DEAN (133-N430) | 28,198.00 |
| 10. | GENERAL ELECTRIC
FT. MYERS, FL
INDUSTRY/STUDENT TEAM DESIGN COURSE
MIL ENG&AS MECHANICAL ENGR (133-8722) | 300.00 |

MISCELLANEOUS

- | | | |
|----|---|------------|
| 1. | WI DIV VOCAT REHAB
MADISON, WI
PRIME CONTRACTOR WITH DHHS
ENHANCING SERVICES FOR SENSORY
IMPAIRED STUDENTS
FOR THE PERIOD 10-01-88 THROUGH 09-30-89
AWARD # FEI15131PD
MIL AC AFF DISABLD STU SVCS (144-AJ48) | 100,000.00 |
| 2. | ARTS MIDWEST
MINNEAPOLIS, MN
PRIME CONTRACTOR WITH NEA
ARTS MIDWEST PROGRAM APPLICATION 1988-89
FOR THE PERIOD 10-07-88 THROUGH 04-30-89
AWARD # CHECK NO.#021790
MIL F ARTS METRO ARTS PRG F ARTS PRG (144-AR09) | 985.00 |
| 3. | UWM FOUNDATION (FM90-FRIENDS)
MILWAUKEE, WI
FRIENDS OF WUWM
MIL L&S WUWM ADMIN-GEN (133-C622) | 125,596.45 |
| 4. | UWM FOUNDATION ACCOUNT #265
MILWAUKEE, WI
MINORITY SMALL BUSINESS DEVELOPMENT PROGRAM
MIL BUS AD MGMNT RESRCH CTR (133-H682) | 800.00 |
| 5. | WISCONSIN DEPARTMENT OF PUBLIC
INSTRUCTION
MADISON, WI
PRE-COLLEGE CENTER MINORITY SCHOLARSHIP
AWARD # CK. #A8877257
MIL AC AFF PRE-COLLEGE CTR (133-N182) | 24,850.00 |
| 6. | CORPORATION FOR PUBLIC BROADCASTING
WASHINGTON DC
NATIONAL PROGRAM PRODUCTION AND ACQUISITION
GRANT
FOR THE PERIOD OF 10/01/88 THROUGH 09/30/90
MIL L&S WUWM ADMIN-GEN (133-N385) | 37,060.00 |

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MILWAUKEE

MISCELLANEOUS

7. CORPORATION FOR PUBLIC BROADCASTING
WASHINGTON, D. C.
COMMUNITY SERVICE GRANT
FOR THE PERIOD 10/01/88 THROUGH 09/30/90
MIL L&S WUWM ADMIN-GEN (133-N409) 119,122.00
8. MARIAN (MERI) FOX
CAMBRIDGE, MA
DISCRETIONARY SUPPORT OF THE ORCHESTRA PROGRAM
AWARD # CHECK #2825
MIL F ARTS MUSIC (133-N431) 25.00
9. MILWAUKEE PUBLIC SCHOOLS -
SOUTH DIVISION H.S.
MILWAUKEE, WI
SERVICES OF PROFESSOR RICARDO FERNANDEZ
IN DEVELOPING A SCHOOL IMPROVEMENT PLAN
MIL EDUC ADMINISTRATION (133-N465) 5,000.00
10. BOLEY INTERNATIONAL SUBSCRIPTION AGENCY
BLACKWOOD, NEW JERSEY
A GIFT TO ASSIST IN THE PROCESSING OF SERIAL
RENEWAL INVOICES
MIL LIBR LIBRARY (133-N467) 9,000.00

PHYSICAL PLANT

1. EDUCATION, DEPT. OF
CHICAGO, IL
INTEREST SUBSIDY GRANT FOR CONSTRUCTION OF
ENGINEERING AND MATHEMATICAL SCIENCES BUILDING
FOR THE PERIOD 02-19-71 THROUGH 09-15-90
AWARD # 4-5-00347-0
MIL ADM AF ASST CHAN OFFICE (144-H016) 45,420.00

RESEARCH

1. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH
BETHESDA, MD
IN SUPPORT OF THE FOLLOWING:
- 1) MECHANISMS REGULATING GROWTH AND SEXUAL
MATURATION IN THE RAT
FOR THE PERIOD 05-01-88 THROUGH 04-30-90
AWARD # 1 R15 DK 40078-01
MIL A H P HEALTH SCIENCES (144-AH03) 30,912.00
- 2) INDIVIDUAL NATIONAL RESEARCH SERVICES AWARD
FELLOWSHIP - COMPLIANCE: NURSE - CLIENT
RELATIONSHIP
FOR THE PERIOD 09-15-88 THROUGH 09-14-89
AWARD # 1F31 NRO6232-01
MIL NURS HLTH RESTORATION (144-AQ45) 10,552.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MILWAUKEE

RESEARCH

3)	DEVELOPMENTAL CHANGES IN ANTITHROMBIN III GENE EXPRESSION FOR THE PERIOD 10-01-88 THROUGH 05-31-89 AWARD # 7 RO1 HL39079-03 1 MIL A H P HEALTH SCIENCES	(144-AQ80)	45,046.00
4)	INDIVIDUAL NATIONAL RESEARCH SERVICE AWARD FELLOWSHIP - FACTORS AFFECTING PREPARATION FOR NURSING HOME RELOCATION FOR THE PERIOD 09-15-88 THROUGH 09-14-89 AWARD # 1 F31 NRO6233-01 MIL NURS HLTH RESTORATION	(144-AR12)	10,552.00
5)	RCDA - NEUROENDOCRINE REGULATION OF GROWTH FOR THE PERIOD 09-30-88 THROUGH 08-31-89 AWARD # 1 K04 DK 01874-01 MIL A H P AH MAJOR	(144-AR30)	53,525.00
6)	B-CARBOLINES: SEARCH FOR VALIUM AGONISTS AND ANTAGONISTS FOR THE PERIOD 09-30-88 THROUGH 08-31-89 AWARD # 2 RO1 MH36644-04 MIL L&S CHEMISTRY	(144-AR31)	81,571.00
2.	US ARMY/CERL CHAMPAIGN, IL PRIME CONTRACTOR WITH DOD ASBESTOS PARTICULATES REMOVAL, ENCAPSULATION AND ENCLOSURE FOR THE PERIOD 10-01-88 THROUGH 09-20-89 MIL ARC&UP ARCH&U P RES CTR	(144-AR32)	30,125.00
3.	DOD, AIR FORCE WASHINGTON, DC SHIFT OPERATOR MATRIX (SOM) FORMALISM AND ITS APPLICATION TO CHEMICAL/PHYSICAL SYSTEMS FOR THE PERIOD 08-01-88 THROUGH 07-31-89 AWARD # AFOSR-88-0288 MIL L&S PHYSICS	(144-AN54)	71,408.00
4.	UNIVERSITY CITY SCIENCE CENTER PHILADELPHIA, PA PRIME CONTRACTOR WITH DOE ENERGY ANALYSIS AND DIAGNOSTIC CENTER FOR THE PERIOD 10-01-88 THROUGH 09-30-89 AWARD # MODIFICATION TWO MIL ENG&AS IND & SYSTS ENGR	(144-AA83)	91,075.00
5.	ENVIRONMENTAL PROTECTION AGENCY CHICAGO, IL DEVELOPMENT AND DEPLOYMENT OF A GEOPHYSICAL - HYDROLOGICAL SYSTEM FOR GROUND WATER FLUX THROUGH BOTTOM SEDIMENTS FOR THE PERIOD 09-01-88 THROUGH 06-30-89 AWARD # RO05040-01 MIL L&S MATH SCIENCES	(144-AR35)	64,629.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MILWAUKEE

RESEARCH

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|-----|---|------------|------------|
| 6. | STATE HISTORICAL SOCIETY OF WISCONSIN
MADISON, WI
PRIME CONTRACTOR WITH INTER
REGIONAL ARCHAEOLOGY OF SOUTHEASTERN
WISCONSIN
FOR THE PERIOD 06-15-88 THROUGH 07-15-89
AWARD # P.O. HSI 5422
MIL L&S ANTHROPOLOGY | (144-AQ64) | 8,231.00 |
| 7. | NATIONAL AERONAUTICS AND SPACE ADMIN
MARSHALL SPACE FLIGHT CENTER, AL
SPACE STATION MICROBIOLOGICAL MONITORING
FOR THE PERIOD 10-07-88 THROUGH 07-31-89
AWARD # NAS8-37914
MIL GRAD GT LKS ST, CTR F | (144-AR14) | 100,000.00 |
| 8. | WISCONSIN SOCIETY FOR JEWISH LEARNING
MILWAUKEE, WI
JUDEO-ARABIC LANGUAGE RESEARCH
AWARD # CHECK NO. 1848
MIL L&S HEBREW STU | (133-A455) | 1,000.00 |
| 9. | WISCONSIN SOCIETY FOR JEWISH LEARNING
MILWAUKEE, WI
BIBLIOGRAPHY OF TARGUM LITERATURE, VOLUME III
AWARD # CHECK NO. 1848
MIL L&S HEBREW STU | (133-C663) | 1,000.00 |
| 10. | JOHNSON CONTROLS
MILWAUKEE, WI
VIBRATION TESTING OF THE FIRELITE AM2020
STANDALONE FIRE SYSTEM
AWARD # M39921
MIL ENG&AS CIVIL ENGINEER'G | (133-D748) | 601.00 |
| 11. | SPUNCAST
THIN FILMS
WATERTOWN, WI
SEM ANALYSIS
AWARD # P.O. 9254
MIL L&S PHYSICS | (133-E596) | 450.00 |
| 12. | UWM FOUNDATION, ACCT. NO. 318.0
(HARVEY D. WILMETH)
MILWAUKEE, WI
DISCRETIONARY USE FOR RESEARCH AND SPECIAL
PROJECTS
MIL L&S ECONOMIC EDUC | (133-G400) | 10,199.78 |
| 13. | UWM FOUNDATION #842.0
MILWAUKEE, WI
TRANSFER FUNDS FROM UWM FOUNDATION ACCOUNT
TO UWM GIFT ACCOUNT
MIL L&S ANTHROPOLOGY | (133-G403) | 700.00 |

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MILWAUKEE

RESEARCH

14.	SHAW FUNDS/MILWAUKEE FOUNDATION UWM FOUNDATION MILWAUKEE, WI SHAW DISTINGUISHED PROFESSOR IN BIOLOGICAL SCIENCES. MIL GRAD GT LKS ST, CTR F	(133-H660)	10,000.00-
15.	INCELL CORP. MILWAUKEE, WI UNRESTRICTED DISCRETIONARY RESEARCH OF PROFESSOR GEORGE SOSNOVSKY MIL L&S CHEMISTRY	(133-J653)	2,014.00
16.	UWM FOUNDATION MILWAUKEE, WI ELECTRON SPECTROSCOPY FOR CHEMICAL ANALYSIS MIL ENG&AS MATERIALS	(133-J671)	5,000.00
17.	UWM FOUNDATION (SHAW FUNDS/MILWAUKEE FOUNDATION) MILWAUKEE, WI SHAW VISITING SCIENTIST IN BIOLOGICAL SCIENCES MIL GRAD GT LKS ST, CTR F	(133-L025)	30,000.00-
18.	UWM FOUNDATION (ACCT. #314) MILWAUKEE, WI INTERNATIONAL LABORATORY FOR VISITOR STUDIES MIL L&S PSYCHOLOGY	(133-L165)	3,500.00
19.	MT SINAI MEDICAL CENTER MILWAUKEE, WI RESEARCH FACILITATION MIL NURS FNDTNS OF NURS'G FNDT NURS'	(133-L469)	11,333.00
20.	WISC DEPT OF NATURAL RESOURCES MADISON, WI FEASIBILITY OF INCREASING AQUATIC PLANT DIVERSITY IN LAC LA BELLE AND OKAUCHEE LAKE (YEAR II) AWARD # NRH 97207 MIL L&S BIOLOGICAL SCI	(133-L649)	5,000.00
21.	CHILDREN'S HOSPITAL OF WISCONSIN MILWAUKEE, WI RESEARCH FACILITATION MIL NURS HLTH MAINTENANCE	(133-M099)	17,047.00
22.	UWM FOUNDATION MILWAUKEE, WI DISCRETIONARY MIL ENG&AS CIVIL ENGINEER'G	(133-M659)	500.00
23.	WISCONSIN DEPARTMENT OF NATURAL RESOURCES MADISON, WI BASELINE DATA ACQUISITION ON STATE NATURAL AREAS AWARD # P.O. NRH 97213 MIL L&S BIOLOGICAL SCI	(133-N029)	1,545.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MILWAUKEE

RESEARCH

24.	UWM FOUNDATION (858) MILWAUKEE, WI BUSINESS ADMINISTRATION-QUALITY CONTROL PROGRAM MIL BUS AD MGMNT RESRCH CTR	(133-N041)	2,500.00
25.	VARIOUS (NORDBERG INC) MILWAUKEE, WI TESTING OF 6AX SIZE ROCK CORES AWARD # CHECK #E12810 MIL ENG&AS CIVIL ENGINEER'G	(133-N194)	480.00
26.	EARTHWATCH WATERTOWN, MA EARTHWATCH LAKE BAIKAL EXPEDITION AWARD # CK. #2303 MIL GRAD GT LKS ST, CTR F	(133-N327)	3,656.00
27.	MILWAUKEE SPINAL SPECIALISTS MILWAUKEE, WI SUPPORT OF VISITING PROFESSOR IN HEALTH SCIENCES FOR THE PERIOD OF 09/01/88 THROUGH 08/31/90 MIL A H P GENERAL ADMIN	(133-N362)	50,000.00
28.	PROFESSIONAL SERVICE INDUSTRIES, INC. LOMBARD, IL RELATIVE DENSITY TESTING MIL ENG&AS CIVIL ENGINEER'G	(133-N384)	300.00
29.	SOUTHEASTERN WISCONSIN MEDICAL AND SOCIAL SERVICES MILWAUKEE, WI EDUCATION AND RESEARCH SERVICES TO SDEASTERN - AFFILIATED STUDENTS, STAFF, AND PATIENTS AWARD # CK. #1111 \$1306.72 MIL S WELF SOC WELFARE ADMN SOC WEL AD	(133-N458)	14,374.00
30.	ST. JOSEPH'S HOSPITAL MILWAUKEE, WI RESEARCH FACILITATION MIL NURS HLTH RESTORATION	(133-N463)	22,668.00
31.	MT. SINAI FOUNDATION MT. SINAI MEDICAL CENTER MILWAUKEE, WI ALCOHOL EXPECTANCIES AS A FUNCTION OF INTOXICATION LEVEL AWARD # CHECK NO. 5118 MIL L&S PSYCHOLOGY	(133-N478)	6,250.00
32.	VARIOUS CHARGES FOR FINITE ELEMENT SOFTWARE MIL ENG&AS CIVIL ENGINEER'G	(133-N487)	260.00
33.	MARQUETTE UNIVERSITY MILWAUKEE, WI CONCRETE CONSTRUCTION DYNAMICS AWARD # CHECK #371190 MIL ENG&AS CIVIL ENGINEER'G	(133-9372)	675.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - MILWAUKEE

STUDENT AID

1.	EDUCATION, DEPT OF WASHINGTON, DC COLLEGE WORK STUDY PROGRAM FOR THE PERIOD 07-01-88 THROUGH 06-30-89 AWARD # PO33A84554 MIL STU AF FINANCIAL AID PROV'L&SUP (145-4189)	8,288.00
2.	EDUCATION, DEPT OF WASHINGTON, DC IN SUPPORT OF THE FOLLOWING:	
1)	GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED - FELLOWSHIPS IN PHYSICS FOR THE PERIOD 01-01-89 THROUGH 12-31-89 AWARD # P200A80243 MIL L&S PHYSICS (144-AR29)	100,000.00
2)	PELL GRANT ADMINISTRATIVE ALLOWANCE FOR THE PERIOD 07-01-87 THROUGH 06-30-99 AWARD # RO08802948 MIL STU AF FINANCIAL AID PROV'L&SUP (144-Z665)	775.00
3.	UWM FOUNDATION #670 MILWAUKEE, WI SCHOOL OF ARCHITECTURE AND URBAN PLANNING SCHOLARSHIP FUND MIL ARC&UP ADMINISTRATION ADMIN (133-A492)	6,250.00
4.	WISCONSIN DEPARTMENT OF NATURAL RESOURCES MADISON, WI WDNR INTERNS AWARD # 83-9 MIL STU AF CAREER DEV CTR PROVISIONL (133-G402)	612.00
5.	UWM FOUNDATION (#301) MILWAUKEE, WI CHEVRON FELLOWSHIP IN GEOPHYSICS MIL L&S GEO (133-M569)	9,677.00
6.	WISCONSIN ARCHITECTS FOUNDATION (VARIOUS) MADISON, WI SARUP SCHOLARSHIP MIL ARC&UP ADMINISTRATION ADMIN (133-N462)	5,000.00

TOTAL MILWAUKEE	1,917,904.23
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INSTRUCTION	600,765.00
MISCELLANEOUS	422,438.45
PHYSICAL PLANT	45,420.00
RESEARCH	718,678.78
STUDENT AID	130,602.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - GREEN BAY

MISCELLANEOUS

1. ARTS MIDWEST
MINNEAPOLIS, MN
PRIME CONTRACTOR WITH NEA
MIDWEST OPERA THEATRE 10-09-87
FOR THE PERIOD 10-01-86 THROUGH 04-18-89
AWARD # AGR DTD 05-19-86, MOD. 1
GBY AC PRG ARTS & PRFORMNCS (144-Y495) 6,800.00
2. WISCONSIN ARTS BOARD
MADISON, WI
GIBSON BYRD RETROSPECTIVE
GBY AC PRG CUR-I COLL&EXHIB CURATR ART (133-N475) 3,000.00
3. UWGB FOUNDATION ASSOCIATION
GREEN BAY, WI
D. GIBSON BYRD EXHIBIT
GBY AC PRG CUR-I COLL&EXHIB CURATR ART (133-N476) 900.00

RESEARCH

1. ENVIRONMENTAL PROTECTION AGENCY
CHICAGO, IL
ON-SITE COORDINATION FOR MASS BALANCE, MODEL
DEVELOPMENT FOR THE BAY OF GREEN BAY, LAKE
MICHIGAN
FOR THE PERIOD 01-01-88 THROUGH 06-30-89
AT A TOTAL COST OF \$93,364.00
AWARD # R005930-02, MOD. 1
GBY I RES LAND&WATER STUDY (144-AG60) 53,943.00
2. UPRIGHT, INC.
ST. LOUIS, MO
RESEARCH ON ABSORBENT CHARACTERISTICS OF SILICA
GBY ENV SC NAT APP SC (133-L321) 500.00

STUDENT AID

1. EDUCATION, DEPT OF
WASHINGTON, DC
PELL GRANT PROGRAM
FOR THE PERIOD 07-01-87 THROUGH 06-30-88
AT A TOTAL COST OF \$1,778,579.00
AWARD # P008802950, MOD. 6
GBY ST AID FEL & SCHOL-AOG (148-D088) 5,493.00
2. EDUCATION, DEPT OF
WASHINGTON, DC
PELL GRANT PROGRAM - ADMINISTRATIVE ALLOWANCE
FOR THE PERIOD 07-01-87 THROUGH 06-30-88
AT A TOTAL COST OF \$6,470.00
AWARD # R008802950, MOD. 1
GBY STU SV FINANCIAL AIDS FINANCIAL (144-Z355) 220.00

GIFTS, GRANTS AND CONTRACTS
 NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - GREEN BAY

STUDENT AID

3. UNIVERSITY OF WISCONSIN FOUNDATION		
MADISON, WI		
SOURCE OF FINANCIAL AID PAYMENTS TO STUDENT		
ATHLETES AT THE UNIVERSITY OF WISCONSIN-GREEN BAY		
WITHIN THE GUIDELINES PRESCRIBED BY THE NATIONAL		
COLLEGIATE ATHLETIC ASSOCIATION		
GBY ATHL ATHLETICS - MEN	(133-7213)	1,110.40
TOTAL GREEN BAY		71,966.40
		=====
MISCELLANEOUS	10,700.00	
RESEARCH	54,443.00	
STUDENT AID	6,823.40	

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - LACROSSE

EXTENSION AND PUBLIC SERVICE

1. WISCONSIN HUMANITIES COMMITTEE
MADISON, WI
PRIME CONTRACTOR WITH NEH
MATCHING FUNDS TO ROLVAAG FILM PROJECT
FOR THE PERIOD 02-01-88 THROUGH 10-31-88
AWARD # FY88-3L, MOD. 1
LAC EX DIV DEVELOPMENT OFF DEVEL OFF (144-0506) 3,500.00
2. UW-LACROSSE FOUNDATION
LACROSSE, WI
SUPPORT OF LACROSSE WELLNESS PROJECT
FOR THE PERIOD 06-01-88 THRU 05-31-89
LAC H,PE&R HEALTH (133-2005) 16,000.00
3. WI ASSOCIATION OF HEALTH, PHYSICAL EDUCATION,
RECREATION, AND DANCE
MADISON, WI
ADMINISTER WAHPERD BUSINESS AT UW-LACROSSE
FOR THE PERIOD 07-01-88 THRU 06-30-89
LAC H,PE&R PHYSICAL EDUC (133-2506) 15,000.00
4. MULTIPLE DONORS
LACROSSE, WI
LACROSSE EXERCISE PROGRAM
FOR THE PERIOD 07-01-88 THRU 06-30-89
LAC H,PE&R LAC EXERCISE PRG (133-2701) 2,782.00
5. ST. MARY'S HOSPITAL
SPARTA, WI
PROVIDE EXERCISE PHYSIOLOGY SERVICES TO HOSPITAL
FOR THE PERIOD 07-01-88 THRU 06-30-89
LAC H,PE&R LAC EXERCISE PRG (133-2705) 7,300.00
6. MULTIPLE DONORS
LACROSSE, WI
FY89 FUNDRAISING CAMPAIGN
FOR THE PERIOD 07-01-88 THRU 06-30-89
LAC L&S MASS COMUNICATNS (133-6312) 50,630.00
7. CORPORATION FOR PUBLIC BROADCASTING
WASHINGTON, DC
1988-89 CORPORATION FOR PUBLIC BROADCASTING
GRANT
FOR THE PERIOD 10-01-88 THRU 09-30-89
AWARD # R10150
LAC L&S MASS COMUNICATNS (133-6314) 84,546.00
8. LACRESCENT SCHOOL DISTRICT
LACRESCENT, MN
PROVIDE PHYSICAL THERAPY SERVICES TO
LACRESCENT SCHOOL DISTRICT
FOR THE PERIOD 07-01-87 THRU 06-30-88
LAC H & HS PHYSICAL THERAPY (133-7445) 8,238.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - LACROSSE

INSTRUCTION

1. EDUCATION, DEPT OF
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
 - 1) 1988-89 SPECIAL PHYSICAL EDUCATION TEACHER
PREPARATION GRANT
FOR THE PERIOD 06-01-88 THROUGH 05-31-89
AWARD # HO29B80276
LAC H,PE&R SP POPULATN PRGS SP POP PRG (144-2912) 58,957.00
 - 2) 1988-89 STUDENT SUPPORT SERVICES GRANT
FOR THE PERIOD 09-01-88 THROUGH 08-31-89
AWARD # GO08740631-88
LAC AC DEV MINORITY AFFAIRS (144-3006) 150,819.00
2. SWANSEA UNIVERSITY
GREAT BRITAIN
EXCHANGE PROGRAM
FOR THE PERIOD 07-01-88 THRU 06-30-89
LAC ACAD S INTER EDUC OFF (133-0605) 7,464.00

MISCELLANEOUS

1. AGRICULTURE, DEPT OF
WASHINGTON, DC
CHILD CARE CENTER MEAL SUBSIDY
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
LAC AC DEV CHILD CARE FAC (144-0501) 690.00
2. WI DEPT OF PUBLIC INSTRUCTION
MADISON, WI
PRIME CONTRACTOR WITH AGRIC
FOOD SUBSIDY REIMBURSEMENT
FOR THE PERIOD 03-01-88 THROUGH 06-30-88
LAC AC DEV CHILD CARE FAC (144-0501) 2,845.00
3. EDUCATION, DEPT OF
WASHINGTON, DC
IN SUPPORT OF THE FOLLOWING:
 - 1) 1988-89 UPWARD BOUND GRANT
FOR THE PERIOD 09-01-88 THROUGH 08-31-89
AWARD # GO08640526-88
LAC AC DEV MINORITY AFFAIRS (144-3010) 192,710.00
 - 2) 1988-89 COOPERATIVE EDUCATION GRANT
FOR THE PERIOD 09-01-88 THROUGH 08-31-89
AWARD # PO55A80293
LAC AC DEV PLACE&CAREER ADV (144-9013) 60,318.00
4. UW-LACROSSE ALUMNI ASSOCIATION
LACROSSE, WI
SUPPORT FOR ALUMNI MUSEUM
FOR THE PERIOD 07-01-87 THRU 06-30-88
LAC EX DIV DEVELOPMENT OFF DEVEL OFF (133-0510) 1,200.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - LACROSSE

MISCELLANEOUS

5. UNIVERSITY OF INDIANA
BLOOMINGTON, IN
CONTRACT TO TEACH IN MALAYSIA
FOR THE PERIOD 05-15-88 THRU 07-31-88
AWARD # 1606-2072
LAC L&S SOCIOL & ANTHROP (133-8860) 5,295.00

RESEARCH

1. AGRICULTURE, DEPT OF
WASHINGTON, DC
ARCHAEOLOGY SURVEY AT SHELLY FARM SITE
FOR THE PERIOD 09-20-88 THROUGH 12-31-88
AWARD # 60-5670-8CO449
LAC L&S SOCIOL & ANTHROP (144-8802) 2,900.00

2. DOD, ARMY
ST. PAUL, MN
IN SUPPORT OF THE FOLLOWING:

1) ARCHAEOLOGY SURVEY AT ROSEBUD ISLAND
FOR THE PERIOD 09-01-88 THROUGH 06-30-89
AWARD # DALW-37-M-1331
LAC L&S SOCIOL & ANTHROP (144-8871) 7,888.00

2) ARCHAEOLOGY RESEARCH AT PAMMEL CREEK
FOR THE PERIOD 09-01-88 THROUGH 06-01-89
AWARD # DACW-32-88-M-1328
LAC L&S SOCIOL & ANTHROP (144-8872) 17,485.00

3) ARCHAEOLOGY RESEARCH WITHIN MISSISSIPPI
RIVER POOL 7 AREA
FOR THE PERIOD 09-01-88 THROUGH 06-01-89
AWARD # DACW-37-88-M-1338
LAC L&S SOCIOL & ANTHROP (144-8873) 8,954.00

3. ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC
AQUATIC RESEARCH ON LITTLE ROCK LAKE
FOR THE PERIOD 04-28-88 THROUGH 12-31-88
AWARD # 8B0493NAEX
LAC L&S BIOL & MICROBIOL (144-1614) 9,900.00

4. WISCONSIN STATE HISTORICAL SOCIETY
MADISON, WI
PRIME CONTRACTOR WITH INTER
1988-89 REGIONAL ARCHAEOLOGY GRANT
FOR THE PERIOD 07-15-88 THROUGH 07-14-88
AWARD # HSI 5298
LAC L&S SOCIOL & ANTHROP (144-8825) 8,231.00

5. INTER, FISH AND WILDLIFE SERVICE
ST. PAUL, MN
ARCHAEOLOGY RESEARCH ON THIEF ISLAND
FOR THE PERIOD 04-07-88 THROUGH 12-31-88
AWARD # 30181 01051 FY88
LAC L&S SOCIOL & ANTHROP (144-8836) 4,584.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - LACROSSE

RESEARCH

6.	ELECTRIC POWER RESEARCH INSTITUTE MADISON, WI PRIME CONTRACTOR WITH WDNR RESEACH ON AQUATIC CONTAMINANTS FOR THE PERIOD 07-01-88 THRU 12-31-88 AWARD # 91561 LAC L&S BIOL & MICROBIOL	(133-1614)	32,122.00
7.	ELECTRIC POWER RESEARCH INSTITUTE MADISON, WI PRIME CONTRACTOR WITH WDNR RESEARCH ON AQUATIC CONTAMINANTS FOR THE PERIOD 07-01-88 THRU 12-31-88 AWARD # NRI 91561 LAC L&S BIOL & MICROBIOL	(133-1615)	25,228.00
8.	UW-LACROSSE FOUNDATION LACROSSE, WI RESEARCH ON TEACHER IMPROVEMENT FOR THE PERIOD 07-01-87 THUR 06-30-88 LAC EX DIV UNIV-WIDE SVCS U-WIDE SVC	(133-0811)	450.00
9.	MULTIPLE DONORS LACROSSE, WI SUPPORT FOR STEAMBOAT RESEARCH PROJECT FOR THE PERIOD 07-01-88 THRU 06-30-89 LAC ACAD S LIBRARY	(133-5906)	318.00
10.	FRIENDS OF PERROT STATE PARK TREMPELEAU, WI ARCHAEOLOGICAL SURVEY AT PERROT STATE PARK FOR THE PERIOD 10-01-88 THRU 12-31-88 LAC L&S SOCIOL & ANTHROP	(133-8803)	727.00
11.	LACROSSE FOUNDATION LACROSSE, WI GRANT FOR ANALYSIS OF MATERIALS FROM MIDWAY SITE FOR THE PERIOD 10-01-88 THRU 06-30-89 AWARD # 89644 LAC L&S SOCIOL & ANTHROP	(133-8804)	1,000.00
12.	MULTIPLE DONORS SUPPORT OF ARCHAEOLOGICAL RESEARCH FOR THE PERIOD 07-01-88 THRU 06-30-89 LAC L&S SOCIOL & ANTHROP	(133-8822)	49,300.00
13.	DAIRLYLAND POWER COOPERATIVE LACROSSE, WI ARCHEAOLOGICAL RESEARCH IN IOWA COUNTY FOR THE PERIOD 05-01-88 THRU 09-30-88 AWARD # RM8878359 LAC L&S SOCIOL & ANTHROP	(133-8830)	1,291.00
14.	CENTER FOR FIELD RESEARCH WATERTOWN, MA EARTHWATCH GRANT TO SUPPORT MIDWAY VILLAGE ARCHAEOLOGY PROJECT FOR THE PERIOD 06-01-88 THRU 12-31-88 LAC L&S SOCIOL & ANTHROP	(133-8831)	15,930.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - LACROSSE

RESEARCH

15.	MONROE COUNTY HIGHWAY DEPARTMENT TOMAH, WI ARCHAEOLOGY SURVEY ON CTH B FOR THE PERIOD 05-20-88 THRU 12-31-88 LAC L&S SOCIOL & ANTHROP	(133-8835)	700.00
16.	CITY OF BRIDGEPORT BRIDGEPORT, WI ARCHAEOLOGICAL RESEARCH AT BRIDGEPORT, WI FOR THE PERIOD 01-01-88 THRU 06-30-88 LAC L&S SOCIOL & ANTHROP	(133-8852)	840.00
17.	MULTIPLE DONORS LACROSSE, WI SUPPORT FOR MIDWAY SITE RESCUE PROJECT - ARCHEAOLGY RESEARCH FOR THE PERIOD 07-01-88 THRU 12-31-88 LAC L&S SOCIOL & ANTHROP	(133-8864)	2,127.00

STUDENT AID

1.	WILSON, KENNETH A. EXECUTOR SANTA ROSA, CA GAY, LILLIAN R. ESTATE GAY, CHARLES AND LILLIAN--ENDOWMENT FUND (LAC) LAC STU AF FIN ASSIST TO ST	(TRUST)	350,000.00
	TOTAL LACROSSE		1,208,269.00 =====

EXTENSION AND PUBLIC SERVICE	187,996.00
INSTRUCTION	217,240.00
MISCELLANEOUS	263,058.00
RESEARCH	189,975.00
STUDENT AID	350,000.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - OSHKOSH

INSTRUCTION

1. WI DEPT OF PUBLIC INSTRUCTION
MADISON, WI
PRIME CONTRACTOR WITH LABOR
PROVIDE FOR DISADVANTAGED YOUTHS A BROAD AND
FLEXIBLE RANGE OF EDUCATIONAL/EMPLOYMENT
TRAINING OPTIONS - FY88/89
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # 8821Y1
OSH EDUC INSTRUCTION (144-4490) 151,123.00
2. WI DEPT OF PUBLIC INSTRUCTION
MADISON, WI
PRIME CONTRACTOR WITH LABOR
SERVICES FOR AT RISK YOUTHS WHO ARE BEHIND IN
SCHOOL AND EITHER POTENTIAL DROPOUTS, DRUG/ALCOHOL
ABUSERS, NON-GOAL DIRECTED, OR FINANCIALLY
DISADVANTAGED
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # 9-30180/J596
OSH EDUC INSTRUCTION (144-4491) 58,124.00
3. FOX VALLEY WRITING PROJECT
OSHKOSH, WI
PROVIDE SERVICES OF FOX VALLEY WRITING PROJECT TO
ROSENDALE-BRANDON, OMRO, MENASHA, HOWARD GROVE,
APPLETON, AND OSHKOSH SCHOOLS
OSH EDUC INSTRUCTION (133-3378) 10,000.00
4. UW-OSHKOSH FOUNDATION
OSHKOSH, WI
PROJECT SUCCESS SUMMER WORKSHOP
OSH EDUC PROJECT SUCCESS (133-3382) 12,000.00

MISCELLANEOUS

1. O'CLUB
OSHKOSH, WI
FUNDS FOR STORAGE BUILDING OFF TENNIS COURTS
OSH SP&SVS INTER ATHLETICS (133-3383) 2,975.00

RESEARCH

1. DHHS, PHS, NATIONAL INSTITUTES OF HEALTH
ROCKVILLE, MD
RESEARCH ON PHOSPHOHISTONE PHOSPHATASE OF
MITOTIC HELA CELLS
FOR THE PERIOD 05-01-88 THROUGH 04-30-89
AWARD # 1 R15 GM39915-01, MOD. 1
OSH L&S BIOLOGY (144-4482) 20,416.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - OSHKOSH

STUDENT AID

1. UW-OSHKOSH FOUNDATION		
OSHKOSH, WI		
DESIGN FOR DIVERSITY GRANT		
OSH STU A MISC FEL & SCHOL	(133-3381)	1,001.50
TOTAL OSHKOSH		255,639.50
		=====
INSTRUCTION	231,247.00	
MISCELLANEOUS	2,975.00	
RESEARCH	20,416.00	
STUDENT AID	1,001.50	

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - PARKSIDE

MISCELLANEOUS

1. CORPORATE IMAGES, INC.
RACINE, WI
VICE-PRESIDENT-MARKETING AND PLANNING (VPMP)
FOR DOMINICAN HEALTH CARE, INC. (DHC) SEARCH
PKS MOD IN BUS & ADMIN SCI BUS MGMNT (133-K880) 400.00
2. KENOSHA NEWS
KENOSHA, WI
CENTER FOR SURVEY AND MARKETING RESEARCH
PKS MOD IN BUS & ADMIN SCI BUS MGMNT (133-M131) 500.00

RESEARCH

1. NATIONAL SCIENCE FOUNDATION
WASHINGTON, DC
MOLECULAR SPECTROSCOPY OF SMALL GAS PHASE
POLYATOMIC MOLECULES
FOR THE PERIOD 11-01-88 THROUGH 04-30-90
AWARD # CHE-8815974
PKS SC&SOC SCIENCE CHEMISTRY (144-AR23) 45,000.00
2. KENOSHA UNIFIED SCHOOL DISTRICT
KENOSHA, WI
KENOSHA UNIFIED SCHOOL DISTRICT P-5 (PRE-SCHOOL
THROUGH 5TH GRADE) EVALUATION
PKS ACAD C ACADEMIC CENTERS C ED-EDUC (133-N406) 6,287.00
3. MACARTHUR (JOHN D. AND CATHERINE T.) FOUNDATION
CHICAGO, IL
MAJORITY RULE IN SOUTH AFRICA AND THE RESPONSE
OF THE WHITE POPULATION FOR THE PERIOD
08-01-88 THRU 12-31-89
PKS SC&SOC BEHAVIORAL SCI SOC-ANTHRO (133-N412) 60,000.00
4. DUPONT (E. I.) DE NEMOURS & CO.
WILMINGTON, DE
SUPPORT OF SUPPLIES & EXPENSES RELATED TO SCIENCE
RESEARCH
PKS SC&SOC SCIENCE ADMIN (133-N417) 400.00

STUDENT AID

1. AMSTED INDUSTRIES
CHICAGO, IL
U.W. PARKSIDE MEMORIAL SCHOLARSHIP FUND (PKS)
PKS BUS SV FELLOWS & SCHOLS (TRUST) 1,500.00
2. POLCZYNSKI, JAMES J.--SCHOLARSHIP (PKS)
PKS MOD IN BUS & ADMIN SCI ADMIN (TRUST)
75.00 ELSEN, DONELLA
RACINE, WI
200.00 WALKER MANUFACTURING COMPANY
RACINE, WI

275.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - PARKSIDE

STUDENT AID

- | | | | |
|----|--|------------|----------|
| 3. | EDUCATION, DEPT OF
WASHINGTON, DC
PELL GRANT PROGRAM - ADMINISTRATIVE ALLOWANCE
FOR THE PERIOD 07-01-87 THROUGH 06-30-88
AT A TOTAL COST OF \$4,090.00
AWARD # RO08803238, MOD. 1
PKS FIN A FINANCIAL AIDS | (144-2678) | 60.00 |
| 4. | UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
PARKSIDE SCHOLARSHIP FUND
PKS BUS SV FELLOWS & SCHOLS | (133-9472) | 2,000.00 |

UNRESTRICTED

- | | | | | |
|----|---|----------|------------|----------|
| 1. | MULTIPLE DONORS
UW-PARKSIDE VARSITY BASEBALL TEAM
DISCRETIONARY ACCOUNT
PKS ATH& I ATHLETICS | PROG DIR | (133-N491) | 2,300.00 |
|----|---|----------|------------|----------|

TOTAL PARKSIDE	118,722.00
	=====

MISCELLANEOUS	900.00
RESEARCH	111,687.00
STUDENT AID	3,835.00
UNRESTRICTED	2,300.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - RIVER FALLS

GIFT-IN-KIND

1. J. I. CASE COMPANY
HINSDALE, ILLINOIS
PROTOTYPE TRACTOR AND PARTS WITH NO VALUE ASSIGNED
TO BE USED FOR LABORATORY PURPOSES.
RVF AGRIC AGR ENGINEERING

INSTRUCTION

1. WI DEPT OF PUBLIC INSTRUCTION
MADISON, WI
PRIME CONTRACTOR WITH DED
GRANT FOR THE COMMUNITY EDUCATION FOR
EXCELLENCE PROGRAM
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
RVF EDUC DEP OF EDUCATION (144-0681) 25,000.00
2. NATIONAL ASSOCIATION OF FARM
BROADCASTERS FOUNDATION
CHICAGO, IL
GRANT TO PURCHASE BROADCASTING EQUIPMENT
FOR THE PERIOD 12-11-87 THRU 06-30-88
RVF ART&SC JOURNALISM (133-0701) 2,000.00
3. WALKER ART CENTER
MINNEAPOLIS, MN
CONTRIBUTION FOR MUSIC ENSEMBLE
FOR THE PERIOD 07-01-88 THRU 06-30-89
RVF ART&SC MUSIC (133-0710) 300.00

MISCELLANEOUS

1. UNIVERSITY OF MINNESOTA
MINNEAPOLIS, MN
WASHINGTON COUNTY GEOLOGIC ATLAS
FOR THE PERIOD 06-01-88 THRU 05-31-89
RVF AGRIC PLANT & EARTH SC (133-0648) 4,500.00

RESEARCH

1. NATIONAL SCIENCE FOUNDATION
WASHINGTON, DC
THE ROLE OF THE THIRD DEVIATORIC STRESS
INVARIANT IN THE CREEP OF ICE
FOR THE PERIOD 09-01-88 THROUGH 02-28-90
AWARD # DPP-8714983
RVF AGRIC PLANT & EARTH SC (144-0719) 32,605.00
2. WI DEPT OF AGRIC, TRADE & CONSUMER PROTECTION
MADISON, WI
CORRELATION OF CHEMICAL MANAGEMENT AND
GROUNDWATER QUALITY IN THE BIG RIVER DRAINAGE
BASIN, PIERCE COUNTY, WI
FOR THE PERIOD 03-01-88 THRU 03-01-90
AWARD # 8816
RVF AGRIC PLANT & EARTH SC (133-0626) 11,600.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - RIVER FALLS

RESEARCH

3. GRAND LABORATORIES, INC
 FREEMAN, SD
 AN EVALUATION OF FOUR METHODS OF PROTECTING
 THE NEONATAL DAIRY CALF FROM ESCHERICHIA
 COLI ENDOTOXEMIA
 FOR THE PERIOD 06-10-88 THRU 10-15-88
 RVF AGRIC ANIMAL SCIENCE (133-0645) 7,392.00

STUDENT AID

1. THE RIGGS NATIONAL BANK - LEW COIT TRUST
 WASHINGTON, DC
 SCHOLARSHIPS FOR QUALIFIED INDIVIDUALS
 FOR THE PERIOD 07-01-88 THRU 06-30-89
 RVF ST AST MISC OTHER (133-0649) 4,078.84

TOTAL RIVER FALLS 87,475.84
 =====

INSTRUCTION	27,300.00
MISCELLANEOUS	4,500.00
RESEARCH	51,597.00
STUDENT AID	4,078.84

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - STEVENS POINT

EXTENSION AND PUBLIC SERVICE

1. WI DEPT OF PUBLIC INSTRUCTION
MADISON, WI
PRIME CONTRACTOR WITH DED
DEVELOPMENT OF A RESOURCE GUIDE
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # PAI 00164
STP COPS SCH OF HOME ECON (144-7210) 5,868.00
2. WISCONSIN HUMANITIES COMMITTEE
MADISON, WI
PRIME CONTRACTOR WITH NEH
WORDSWORTH AND THE AGE OF ENGLISH ROMANTICISM
FOR THE PERIOD 08-24-88 THROUGH 11-30-88
AWARD # FY88 45(L)
STP COLS ENGLISH (144-6526) 170.00
3. MARSHALL & ILLSLEY BANKS
STEVENS POINT, WI
CENTRAL WISCONSIN ECONOMIC RESEARCH BUREAU
FOR THE PERIOD 09-01-88 THRU 06-30-89
STP COLS ECON & BUS ADM (133-6204) 28,656.00

GIFT-IN-KIND

1. AT&T
MORRISTOWN, NJ
DOCUMENT PREPARATION HARDWARE AND SOFTWARE
AT AN UNSPECIFIC PRICE.
STP AC SUP ACAD COMP SVCS
2. MR. DAVID WAITHER
MILWAUKEE, WI
PORTRAIT OF STEPHEN A. WALTHER
STP COFA ART ART MUSEUM
3. UNIVERSITY OF STEVEN POINTS POINT FOUNDATION
STEVENS POINT, WI
TWO SATELLITE RECEIVER DISHES, ONE ELECTRONIC
GRAPHICS SYSTEM, ONE SONY/PANASONIC DUBBING
SYSTEM ONE SONY BVE 900 EDITING SYSTEM
STP COFA COMMUNICATION

RESEARCH

1. AGRICULTURE, DEPT OF
WASHINGTON, DC
GROWTH AND YIELD MODELS FOR EVEN AGED OAK STANDS
FOR THE PERIOD 09-01-88 THROUGH 08-31-89
STP CONR NATURAL RESOURCS NAT RESRCS (144-8449) 3,500.00
2. WI DEPT OF NATURAL RESOURCES
MADISON, WI
PRIME CONTRACTOR WITH INTER
SABBATICAL LEAVE FOR FACULTY
FOR THE PERIOD 09-26-88 THROUGH 06-30-89
AWARD # NRI 91608
STP CONR NATURAL RESOURCS NAT RESRCS (144-8414) 17,727.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - STEVENS POINT

RESEARCH

3.	WI DEPT OF NATURAL RESOURCES MADISON, WI STORMWATER DISPOSAL STUDY FOR THE PERIOD 08-15-88 THRU 06-30-89 AWARD # NRI 91595 STP CONR NATURAL RESOURCS NAT RESRCS (133-8430)	15,750.00
4.	WI DEPT OF NATURAL RESOURCES MADISON, WI PESTICIDE MIGRATION STUDY FOR THE PERIOD 09-01-88 THRU 06-30-89 AWARD # NRI 91660 STP CONR NATURAL RESOURCS NAT RESRCS (133-8445)	25,500.00
5.	WI DEPT OF NATURAL REOURCES MADISON, WI EVALUATION OF BARNYARD IMPROVEMENTS ON GROUNDWATER QUALITY FOR THE PERIOD 08-15-88 THRU 06-30-89 AWARD # NRI 91594 STP CONR NATURAL RESOURCS NAT RESRCS (133-8451)	10,000.00
6.	WI DEPT OF NATURAL RESOURCES MADISON, WI SUSTAINABLE AGRICUTURAL PRACTICES FOR THE PERIOD 09-01-88 THRU 06-30-89 AWARD # NRI 91635 STP CONR NATURAL RESOURCS NAT RESRCS (133-8452)	5,760.00
	TOTAL STEVENS POINT	112,931.00 =====
	EXTENSION AND PUBLIC SERVICE	34,694.00
	RESEARCH	78,237.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - STOUT

EXTENSION AND PUBLIC SERVICE

1. EDUCATION, DEPT OF
CHICAGO, IL
IN SUPPORT OF THE FOLLOWING:
 - 1) FIELD BASED TRAINING OF REHABILITATION
PROFESSIONALS IN REGION V IN REHABILITATION
ENGINEERING TECHNOLOGY
FOR THE PERIOD 10-01-88 THROUGH 09-30-88
AWARD # GO58700212-88
STO ED&H S ST VOC REHAB IN CTR REH TE (144-0683) 136,571.00
 - 2) INDEPENDENT LIVING SKILLS EVALUATION FOR PERSONS
WITH DEVELOPMENTAL DISABILITIES MAKING THE
TRANSITION FROM SCHOOL OR INSTITUTION TO
COMMUNITY LIVING OR EMPLOYMENT
FOR THE PERIOD 10-01-88 THROUGH 09-30-89
AWARD # GO58500150-88
STO ED&H S ST VOC REHAB IN INDEP LIV (144-0839) 50,000.00
2. WI DEPT OF HEALTH & SOCIAL SERVICES
MADISON, WI
PRIME CONTRACTOR WITH DED
DIVISION OF VOCATIONAL REHABILITATION PROGRAM
FOR INDEPENDENT LIVING SUPPLEMENT (PART A)
FOR THE PERIOD 09-27-87 THROUGH 09-26-88
AWARD # FEH71005PO, MOD. 2
STO ED&H S (144-0513) 12,200.00
3. WI DEPT OF HEALTH & SOCIAL SERVICES
MADISON, WI
PRIME CONTRACTOR WITH DED
VOCATIONAL EVALUATION AND EMPLOYMENT READINESS
TRAINING CONTRACT
FOR THE PERIOD 10-01-87 THROUGH 09-30-88
STO ED&H S (144-0611) 160,000.00
4. WI DEPT OF HEALTH & SOCIAL SERVICES
MADISON, WI
PRIME CONTRACTOR WITH DED
PROVIDE FOR WORK SAMPLE VOCATIONAL EVALUATIONS
AND EMPLOYMENT READINESS TRAINING TO DIVISION
OF VOCATIONAL REHABILITATION CLIENTS
FOR THE PERIOD 10-01-88 THROUGH 09-30-89
AWARD # 9432-1-F-89
STO ED&H S ST VOC REHAB IN PR INDUST (144-0684) 25,000.00
5. WI DEPT OF HEALTH & SOCIAL SERVICES
MADISON, WI
PRIME CONTRACTOR WITH DED
PROGRAM FOR INDEPENDENT LIVING: ALTERNATIVES
FOR RURAL SEVERELY DISABLED PERSONS (PART A)
FOR THE PERIOD 09-27-88 THROUGH 09-26-89
AWARD # FEI1567OPO
STO ED&H S ST VOC REHAB IN INDEP LIV (144-0836) 28,000.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - STOUT

EXTENSION AND PUBLIC SERVICE

6. WI BRD OF VOC TECH & ADULT EDUCATION
MADISON, WI
PRIME CONTRACTOR WITH DED
BUILDING LINKAGES/BUILDING FAIRNESS - PROJECT
TO PROMOTE FAIRNESS IN THE VTAE SYSTEM
FOR THE PERIOD 09-01-88 THROUGH 06-30-89
AWARD # 30-101-150-159
STO I&TECH CTR FOR VTAE CTR VTAE (144-0840) 29,595.00
7. WEST CENTRAL WISCONSIN PRIVATE INDUSTRY COUNCIL
MENOMONIE, WI
PRIME CONTRACTOR WITH LABOR
PREPARATION FOR EMPLOYMENT AND TRAINING:
PROVIDE PREVOCCATIONAL AND JOB PLACEMENT
SERVICES TO DISABLED JTPA ELIGIBLE PERSONS
IN WEST CENTRAL WISCONSIN
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # 88-04-PE
STO ED&H S ST VOC REHAB IN PR INDUST (144-0500) 44,996.00

GIFT-IN-KIND

1. MOFFETT PRECISION PRODUCTS, INC.
SOMERSET, WI
MOFFETT FLEX TESTER-40 AND MOFFETT PULL TESTER-80
STO I&TECH GRAPHIC COMMUNIC
2. WISCONSIN FOUNDATION FOR VTAE
MIDDLETON, WI
DRUM HEATER, HEATING MANTLE, TEMPERATURE
CONTROLLER, LABJACKS, FURNACES, HOTPLATES,
INCUBATORS, MIXERS
STO LIB ST CHEMISTRY
3. DEKA, INC.
MILPITAS, CA
DEKA CD1600 CALL DIRECTOR TELEPHONE EQUIPMENT
STO I&TECH GRAPHIC COMMUNIC
4. KLF, INC.
FORT WAYNE, INDIANA
TELEPHONE EQUIPMENT: ESD-12D, LINE SENTRY II
BUSY LAMP FIELD DRIVER, EMP-12 PA BUSY LAMP
FIELD DISPLAY AND 24VDC POWER SUPPLY.
STO I&TECH GRAPHIC COMMUNIC
5. WAUSAU PAPER MILLS COMPANY
BROKAW, WI
TWO TA 208 A/B DATA MODEMS
STO G SERV ADM CMP-WRD PROC
6. VERTEK, INC.
ST. PAUL, MINNESOTA
COMPUTER SOFTWARE OCCUPATIONAL ACCESS SYSTEM
(OASYS)
STO ED&H S REHABILITATION

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - STOUT

GIFT-IN-KIND

7. FASHION STAR
CARROLLTON, GA
143 YARDS OF OF FABRIC
STO H ECON APPAREL, TEX&DES
8. MEYERS PRINTING COMPANY
MINNEAPOLIS, MN
SEVEN SKIDS PAPER, COATED AND UNCOATED,
23 X 35, MISCELLANEOUS COLORS AND WEIGHTS
STO I&TECH GRAPHIC COMMUNIC
9. 3M COMPANY
ST. PAUL, MN
GRAPHIC ARTS FILM, PRINTING PLATES, COLOR
PROOFING MATERIALS, PLATE CHEMICALS, ELECTROSTATIC
PLATE MATERIALS AND CHEMICALS , OFFSET PRESS
BLANKETS
STO I&TECH GRAPHIC COMMUNIC
10. STOUT UNIVERSITY FOUNDATION, INC.
MENOMONIE, WI
TREK MODEL 150 RESISTIVITY METER
STO I&TECH MATLS & PROCS'S
11. LANDS' END
DODGEVILLE, WI
ASSORTED THREADS AND FABRICS, ZIPPERS
STO H ECON APPAREL, TEX&DES
12. SUPER VALU, INC.
MINNEAPOLIS, MN
FOOD DONATED FOR THE PRODUCTS MADE BY THE
CONTESTANTS IN THE SUPER VALU RECIPE CONTEST '88
STO H ECON FOOD SCI & NUTR
13. FASHION STAR
CARROLLTON, GA
540 YARDS OF "HARD GOODS" FABRIC AND 318 YARDS OF
LINING.
STO H ECON APPAREL, TEX&DES
14. SCREEN PRINTING ASSOCIATION INTERNATIONAL
FAIRFAX, VIRGINIA
ONE COMPLIMENTARY REGISTRATION AND TWO
REGISTRATION DISCOUNTS FOR ATTENDANCE AT SCREEN
PRINTS '88 INTERNATIONAL, ANNUAL CONFERENCE OF THE
SCREEN PRINTING ASSOCIATION INTERNATIONAL
STO I&TECH GRAPHIC COMMUNIC
15. 3M
ST. PAUL, MN
CUSHION-BACK MOUNTING TAPES FOR FLEXOGRAPHIC
PRINTING PLATES
STO I&TECH GRAPHIC COMMUNIC

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - STOUT

GIFT-IN-KIND

16. PHOTOMECHANICAL SERVICES INC.
MINNEAPOLIS, MN
36 EACH 24" X 24" SCREEN TINTS IN VARIOUS
PERCENTAGES
STO I&TECH GRAPHIC COMMUNIC
17. WEST PUBLISHING COMPANY
EAGAN, MN
36 EACH 24' X 24" SCREEN TINTS, VARIOUS
PERCENTAGES. 133 LINES 1", 36 BOXES 3M GRAPHIC
ART FILM HSC 24" X 36", 50 SHEETS/BOX. 7 BOXES
DUPONT GRAPHIC ARTS FILM BLD-7, 50 SHEETS/BOX
STO I&TECH GRAPHIC COMMUNIC
18. E. I. DUPONT DENEMOURS & COMPANY; INC.
WILMINGTON, DE
FILM AND FILM CHEMICALS, COLOR PROOFING MATERIALS
AND SUPPLIES
STO I&TECH GRAPHIC COMMUNIC
19. FEY PUBLISHING COMPANY
WISCONSIN RAPIDS, WI
FOUR SKIDS OF FINE WRITING PAPERS, OFFSET GRADES,
COVERS AND BONDS.
STO I&TECH GRAPHIC COMMUNIC
20. 3M COMPANY
ST. PAUL, MN
PAKO RAPID ACCESS FILM PROCESSOR
MODEL LOGEFLO PC-13
STO I&TECH GRAPHIC COMMUNIC
21. VIKING PRESS, INC.
EDEN PRAIRIE, MN
FOUR SKIDS OF PAPER, 60 AND 70#, 19" X 25" TO
23 1/2" X 35"
STO I&TECH GRAPHIC COMMUNIC
22. 3M COMPANY
ST. PAUL, MN
ONE HELL GRAPHIC SYSTEM ELECTRONIC LASER COLOR
SCANNER MODEL 300
STO I&TECH GRAPHIC COMMUNIC

INSTRUCTION

1. EDUCATION, DEPT OF
CHICAGO, IL
IN SUPPORT OF THE FOLLOWING:
 - 1) ADMINISTRATION OF LONG TERM TEACHING GRANT AND
TRAINEESHIPS IN VOCATIONAL EVALUATION AND
WORK ADJUSTMENT
FOR THE PERIOD 09-01-88 THROUGH 08-31-89
AWARD # G058600176-88
STO ED&H S REHABILITATION (144-0657) 14,603.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - STOUT

INSTRUCTION

- 2) PROPOSAL FOR THE TRAINING OF REHABILITATION
TECHNOLOGY SPECIALISTS
FOR THE PERIOD 09-01-88 THROUGH 08-31-89
AWARD # G058600185-88
STO ED&H S ST VOC REHAB IN CTR REH TE (144-0667) 87,000.00
- 3) LONG TERM TEACHING GRANT AND TRAINEESHIPS IN
REHABILITATION FACILITY ADMINISTRATION
(GRANT ADMINISTRATION)
FOR THE PERIOD 10-01-88 THROUGH 09-30-89
AWARD # G058700217-88
STO ED&H S REHABILITATION (144-0681) 23,949.00
2. EDUCATION, DEPT OF
WASHINGTON, DC
HANDICAPPED PERSONNEL PREPARATION--ADMINISTRATION
FOR THE PERIOD 09-01-88 THROUGH 08-31-89
AWARD # G008630464-88
STO ED&H S EDUCATION (144-0606) 23,000.00
3. MILWAUKEE AREA TECHNICAL COLLEGE
MILWAUKEE, WI
PRIME CONTRACTOR WITH DED
PROJECT TO IMPROVE TEACHER QUALIFICATIONS AND
SKILLS IN SCIENCE AND TECHNOLOGY CONCEPTS
THAT APPLY TO COMMERCIAL MARKETS
FOR THE PERIOD 06-01-88 THROUGH 08-31-88
AWARD # 9177-1-B-88, MOD. 1
STO I&TECH IND & MARKETG ED (144-0645) 529.00
4. FLINT PRINTING COMPANY
MENOMONIE, WI
PURCHASE COMPUTER HARDWARE AND SOFTWARE
FOR THE ENGLISH DEPARTMENT
FOR THE PERIOD 07-01-88 THRU 06-30-89
STO LIB ST ENGLISH (133-0727) 3,000.00

MISCELLANEOUS

1. STOUT UNIVERSITY FOUNDATION, INC
MENOMONIE, WI
DAHLGREN PROFESSORSHIP
FOR THE PERIOD 07-01-88 THRU 06-30-90
AWARD # 2231-1-A-89
STO H ECON HUMAN DEVELOPMNT HUMAN DEV (133-0499) 7,500.00
2. STOUT UNIVERSITY FOUNDATION, INC
MENOMONIE, WI
COMPUTER ACCESS FOR VISUALLY IMPAIRED AND
LEARNING DISABLED STUDENTS
FOR THE PERIOD 07-01-88 THRU 06-30-89
AWARD # 7149-1-A-88
STO LIB RE LIBR LEARN CTR (133-0732) 6,588.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - STOUT

RESEARCH

1. EDUCATION, DEPT OF
WASHINGTON, DC
DEVELOPMENT, IMPLEMENTATION AND VALIDATION OF
SUPPORTED EMPLOYMENT MODEL(S) FOR TRAUMATICALLY
BRAIN INJURED POPULATIONS
FOR THE PERIOD 09-30-88 THROUGH 09-28-89
AWARD # G008720130-88
STO ED&H S ST VOC REHAB IN RES&TRNG C (144-0687) 98,270.00
2. WI DEPT OF PUBLIC INSTRUCTION
MADISON, WI
PRIME CONTRACTOR WITH DED
DEVELOPING A CHILD SERVICES RESOURCE GUIDE
FOR THE PERIOD 09-01-88 THROUGH 06-30-89
AWARD # PA100166
STO H ECON HUMAN DEVELOPMNT HUMAN DEV (144-0660) 31,560.00
3. STOUT UNIVERSITY FOUNDATION, INC
MENOMONIE, WI
SUPPORT FOR SABBATICAL LEAVE TO INVESTIGATE
FACULTY MORALE AND ORGANIZATIONAL CLIMATE
FOR THE PERIOD 08-01-88 THRU 05-31-89
AWARD # 4350-1-A-88
STO ED&H S PSYCHOLOGY (133-0545) 2,516.00

STUDENT AID

1. EDUCATION, DEPT OF
CHICAGO, IL
IN SUPPORT OF THE FOLLOWING:
 - 1) STIPENDS AND TUITION IN LONG TERM TEACHING GRANT
AND TRAINEESHIPS IN VOCATIONAL EVALUATION
AND WORK ADJUSTMENTS
FOR THE PERIOD 09-01-88 THROUGH 08-31-89
AWARD # G058600176-88
STO ED&H S REHABILITATION (144-0656) 85,397.00
 - 2) LONG TERM TEACHING GRANT AND TRAINEESHIPS IN
REHABILITATION FACILITY ADMINISTRATION
(STIPENDS AND TUITION)
FOR THE PERIOD 10-01-88 THROUGH 09-30-89
AWARD # G058700217-88
STO ED&H S REHABILITATION (144-0682) 32,613.00
2. EDUCATION, DEPT OF
WASHINGTON, DC
HANDICAPPED PERSONNEL PREPARATION--
STUDENT STIPENDS
FOR THE PERIOD 09-01-88 THROUGH 08-31-89
AWARD # G008630464-88
STO ED&H S EDUCATION (144-0607) 12,000.00
3. WISCONSIN RURAL REHABILITATION CORPORATION
MADISON, WI
SCHOLARSHIPS FOR STUDENTS FROM WISCONSIN FARM
FAMILIES ENROLLED IN HOME ECONOMICS PROGRAMS
FOR THE PERIOD 07-01-88 THRU 12-31-88
STO H ECON SCH-HOME EC ADM (133-0707) 3,118.50

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - STOUT

STUDENT AID

4. STOUFFER CORPORATION		
SOLAN, OH		
STUDENT SCHOLARSHIPS		
FOR THE PERIOD 07-01-88 THRU 06-30-89		
STO H ECON HABITATNL RESRCS	(133-0763)	2,000.00
TOTAL STOUT		920,005.50
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EXTENSION AND PUBLIC SERVICE	486,362.00	
INSTRUCTION	152,081.00	
MISCELLANEOUS	14,088.00	
RESEARCH	132,346.00	
STUDENT AID	135,128.50	

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - WHITEWATER

GIFT-IN-KIND

1. DR. PAUL RYBSKI
WHITEWATER, WI
RCA CCD (MODEL SID501EX, SERIAL NUMBER 5156-3-1) FOR USE WITH THE OBSERVATORY TELESCOPE.
WTW L&S PHYSICS
2. COMMERCIAL BANK
WHITEWATER, WI
VOLLEYBALL SCOREBOARD
WTW G E A ASST CHAN-STU SV RECR S & F
3. COMMERCIAL BANK
WHITEWATER, WI
VOLLEYBALL SCOREBOARD
WTW G E A ASST CHAN-STU SV RECR S & F

INSTRUCTION

1. EDUCATION, DEPT OF
WASHINGTON, DC
BILINGUAL EDUCATIONAL PERSONNEL
TRAINING PROGRAM
FOR THE PERIOD 08-21-88 THROUGH 08-20-89
AWARD # T003R80064
WTW EDUC CURRIC & INSTR CURR&INSTR (144-1135) 97,172.00
2. SOUTH CENTRAL WISCONSIN PRIVATE
INDUSTRY COUNCIL
PORTAGE, WI
PRIME CONTRACTOR WITH DED
JTPA-TITLE IIA PRIVATE INDUSTRY SERVICE DELIVERY
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # 886226
WTW G E A ASST CHAN-STU SV DISABL S S (144-1140) 5,250.00

STUDENT AID

1. EDUCATION, DEPT OF
WASHINGTON, DC
ADJUSTMENT TO COLLEGE WORK STUDY AWARD
FOR THE PERIOD 07-01-88 THROUGH 06-30-89
AWARD # P033A84561, MOD. 1
WTW ST AST WORK-STUDY (145-0530) 1,175.00

TOTAL WHITEWATER 103,597.00
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INSTRUCTION 102,422.00
STUDENT AID 1,175.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - CENTER SYSTEM

GIFT-IN-KIND

1. MR. CLINTON LANE
SHEBOYGAN FALLS, WI
SIGMA-ALDRICH LIBRARY OF CHEMICAL SAFETY DATA
FIRST EDITION BOOK
CNS SHEBOY CHEMISTRY
2. MR. DONALD GROLL
MANITOWOC, WI
COLLECTION OF BAND MARCHES BY RUSSELL ALEXANDER
CNS MANIT MUSIC

INSTRUCTION

1. GEORGETOWN UNIVERSITY
WASHINGTON, DC
PRIME CONTRACTOR WITH AID
CENTRAL AMERICAN PEACE SCHOLARSHIP PROGRAM
FOR THE PERIOD 09-01-87 THROUGH 09-14-88
AT A TOTAL COST OF \$238,560.00
AWARD # AGR DTD 10-12-87, MOD. 1
CNS MARATH INTERDEPT INSTR (144-AA38) 59,500.00
2. JUSTICE, DEPT OF
OXFORD, WI
COLLEGE LEVEL INSTRUCTION AT FCI-OXFORD
FOR THE PERIOD 10-01-88 THROUGH 09-30-89
AWARD # J124-0164-8
CNS B-SAUK (144-AP93) 47,000.00

MISCELLANEOUS

1. WASHINGTON COUNTY MEDICAL SOCIETY
WEST BEND, WI
CADAVER PURCHASE
CNS WASH BIOLOGY (133-M110) 550.00
2. MULTIPLE DONORS
THEATRE PROGRAM
CNS MARIN STUDENT AFFAIRS DRAMA PROD (133-N092) 435.00
3. MULTIPLE DONORS
MUSIC DEPARTMENT TALENTSHIPS
CNS MANIT ADMINISTRATION (133-N378) 100.00
4. FESTIVAL OF THE ARTS
WAUSAU, WI
FESTIVAL OF THE ARTS
CNS MARATH ADMINISTRATION (133-N423) 1,000.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - CENTER SYSTEM

RESEARCH

1. WISC DEPT OF NATURAL RESOURCES MADISON, WI AIR QUALITY MONITORING FOR THE PERIOD 10-01-88 THRU 09-30-89 AWARD # NRI 91708 CNS MARATH CHEMISTRY	(133-N484)	3,338.75
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STUDENT AID

1. EDUCATION, DEPT OF WASHINGTON, DC PELL GRANT PROGRAM - ADMINISTRATIVE ALLOWANCE FOR THE PERIOD 07-01-87 THROUGH 06-30-88 AT A TOTAL COST OF \$11,185.00 AWARD # R008802949, MOD. 1 CNS CNS AD STUDENT SERVICES ST FIN AID	(144-Z679)	520.00
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TOTAL CENTER SYSTEM	112,443.75
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INSTRUCTION	106,500.00
MISCELLANEOUS	2,085.00
RESEARCH	3,338.75
STUDENT AID	520.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - EXTENSION

EXTENSION AND PUBLIC SERVICE

1. AGRICULTURE, DEPT OF
WASHINGTON, DC
SHORT-INTERVAL LAND VALUE REPORTING
FOR THE PERIOD 07-08-86 THROUGH 09-30-89
AT A TOTAL COST OF \$104,300.00
AWARD # 58-319V-6000046, MOD. 3
EXT G EXT WIS SURVEY RES L (144-Y225) 33,000.00
2. UNIVERSITY OF WISCONSIN FOUNDATION
MADISON, WI
WISCONSIN RURAL LEADERSHIP PROGRAM
EXT COOP E RURAL LEADERSHIP (133-H773) 20,000.00
3. WISC DEPT OF NATURAL RESOURCES
MADISON, WI
CONTRACT FOR PROVIDING EDUCATIONAL AND
INFORMATIONAL SUPPORT FOR THE NONPOINT SOURCE
PROGRAM FOR THE PRIOD 07-01-86 THRU 06-30-91
AT A \$196,565 LEVEL
AWARD # 86-99000-E-00,01,02,03,04
EXT COOP E CO&AREA OFC-S E (133-K777) 56,800.00
4. WISC DEPT OF NATURAL RESOURCES
MADISON, WI
NONPOINT SOURCE POLLUTION EDUCATION-NORTHEAST
DISTRICT FOR THE PERIOD 12-29-86 THRU 06-30-91
AT A \$95,698 LEVEL
AWARD # 86-99001-E-00,01,02
EXT COOP E C&AREA OFC-NORTH (133-L828) 48,393.00
5. WISC DEPT OF NATURAL RESOURCES
MADISON, WI
EUTROPHIC LAKES IN POLK COUNTY-A COORDINATED
SOILS, GEOLOGIC, AND HYDROGEOLOGIC WATERSHED
INVESTIGATION FOR THE PERIOD 02-18-88 THRU
10-31-89
AWARD # NRH 96452
EXT G&NH S WIS GEOL&NAT HST W G&N HIST (133-M660) 52,363.00
6. FY 89 PROGRAM UNDERWRITING
EXT TELCOM WHA TELEVISION (133-M807)
 - 6,000.00 MADISON GAS AND ELECTRIC
MADISON, WI
 - 3,500.00 GENERAL CASUALTY COMPANIES
SUN PRAIRIE, WI
 - 500.00 POOH CORNER
MADISON, WI
 - 24,000.00 COTTER & COMPANY, TRUE VALUE HARDWARE
CHICAGO, IL
 - 6,000.00 BLUE LINE CLUB, INC.
MADISON, WI
 - 3,400.00 WISCONSIN SUPPLY CORPORATION
MADISON, WI
 - 6,000.00 GOODMAN'S INC.
MADISON, WI
 - 3,200.00 THE JEWELERS WORKSHOP
MADISON, WI
 - 4,000.00 HARTJE LUMBER
LA VALLE, WI
 - 3,400.00 AXLEY-BRYNELSON
MADISON, WI
 - 2,500.00 CHRIS KERWIN ANTIQUES AND INTERIORS
MADISON, WI

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - EXTENSION

EXTENSION AND PUBLIC SERVICE

6.	FY 89 PROGRAM UNDERWRITING EXT TELCOM WHA TELEVISION	(133-M807)	
	3,250.00	FOUR STAR FICTION AND VIDEO MADISON, WI	
	4,115.00	GTE FOUNDATION MADISON, WI	
	1,275.00	F. E. SEYBOLD, INC. MADISON, WI	
	5,200.00	VIRCHOW, KRAUSE & COMPANY MADISON, WI	
	13,500.00	THE SWISS COLONY MONROE, WI	
			89,840.00
7.	WISCONSIN HUMANITIES COMMITTEE MADISON, WI WOMEN OF SPIRIT FOR THE PERIOD 04-01-88 THRU 03-31-89 AWARD # FY 88-16L EXT TELCOM WHA RADIO	(133-M825)	8,000.00
8.	UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WHA RADIO ARTS PROGRAMMING EXT TELCOM WHA RADIO	(133-N298)	6,000.00
9.	CORPORATION FOR PUBLIC BROADCASTING WASHINGTON, DC 1989 NATIONAL PROGRAM PRODUCTION & ACQUISITION GRANT FOR THE PERIOD 10-01-88 THRU 09-30-90 AWARD # R10200 EXT TELCOM WHA RADIO	(133-N363)	109,822.00
10.	CORPORATION FOR PUBLIC BROADCASTING WASHINGTON, DC TELEVISION INTERCONNECTION FY89 EXT TELCOM WHA TELEVISION	(133-N447)	27,435.00
11.	CORPORATION FOR PUBLIC BROADCASTING WASHINGTON, DC FY 89 RADIO COMMUNITY SERVICE GRANT FOR THE PERIOD 10-01-88 THRU 09-30-90 AWARD # CPB 5231-50028 EXT TELCOM WHA RADIO	(133-N455)	352,989.00
12.	CORPORATION FOR PUBLIC BROADCASTING WASHINGTON, DC FY 89 TV COMMUNITY SERVICE GRANT FOR THE PERIOD 10-01-88 THRU 09-30-90 AWARD # CPB 5221-50018 EXT TELCOM WHA TELEVISION	(133-N459)	678,140.00
13.	WISCONSIN PUBLIC SERVICE CORPORATION GREEN BAY, WI SURVEY OF STRAY VOLTAGE ON DAIRY FARMS IN NORTHEAST WISCONSIN FOR THE PERIOD 10-01-88 THRU 03-31-90 AWARD # 60027 EXT COOP E CO&AREA OFC-N E	(133-N472)	119,200.00

GIFTS, GRANTS AND CONTRACTS
NOVEMBER 11, 1988

UNIVERSITY OF WISCONSIN - EXTENSION

MISCELLANEOUS

1. GTE NORTH INCORPORATED SUN PRAIRIE, WI WISCONSIN HUMANITIES COMMITTEE (EXT) EXT GEA SV W HUMANITIES COM	(TRUST)	200.00
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RESEARCH

1. WISC DEPT OF NATURAL RESOURCES MADISON, WI NONPOINT SOURCE POLLUTION-EDUCATIONAL MATERIALS DEVELOPMENT FOR THE PERIOD 12-29-86 THRU 06-30-91 AT A \$114,299 LEVEL AWARD # 86-99002-E-00,01,02,03 EXT COOP E COM,N RSRC&EC DV C,N R& E D	(133-L827)	57,368.00
2. UNIVERSITY OF WISCONSIN FOUNDATION MADISON, WI WHA RADIO ARTS PROGRAMMING (REPORTED INCORRECTLY UNDER THE RESEARCH CATAGORY AT THE 10-7-88 MEETING) EXT TELCOM WHA RADIO	(133-N298)	6,000.00-
3. CORPORATION FOR PUBLIC BROADCASTING WASHINGTON, DC 1989 NATIONAL PROGRAM PRODUCTION & ACQUISITION GRANT FOR THE PERIOD 10-01-88 THRU 09-30-90 (REPORTED INCORRECTLY UNDER THE RESEARCH CATAGORY AT THE 10-7-88 MEETING) AWARD # R10200 EXT TELCOM WHA RADIO	(133-N363)	109,822.00-

TOTAL EXTENSION		1,543,728.00
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EXTENSION AND PUBLIC SERVICE	1,601,982.00
MISCELLANEOUS	200.00
RESEARCH	58,454.00-

NOVEMBER 11, 1988
GIFTS, GRANTS AND CONTRACTS SUMMARY
ITEMS PROCESSED 09-17-88 THROUGH 10-21-88

	EXTENSION	INSTRUCTION	LIBRARIES	MISC.	PHY. PLANT	RESEARCH	STUDENT AID	UNRES.	TOTAL
CNTL ADM/UNIV WIDE	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
CENTER SYSTEM	-0-	106,500	-0-	2,085	-0-	3,339	520	-0-	112,444
EAU CLAIRE	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
EXTENSION	1,601,982	-0-	-0-	200	-0-	(58,454)	-0-	-0-	1,543,728
GREEN BAY	-0-	-0-	-0-	10,700	-0-	54,443	6,823	-0-	71,966
LA CROSSE	187,996	217,240	-0-	263,058	-0-	189,975	350,000	-0-	1,208,269
MADISON	69,209	534,410	200,649	1,902,457	408,683	18,438,431	501,094	26,900	22,081,833
MILWAUKEE	-0-	600,765	-0-	422,438	45,420	718,679	130,602	-0-	1,917,904
OSHKOSH	-0-	231,247	-0-	2,975	-0-	20,416	1,002	-0-	255,640
PARKSIDE	-0-	-0-	-0-	900	-0-	111,687	3,835	2,300	118,722
PLATTEVILLE	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
RIVER FALLS	-0-	27,300	-0-	4,500	-0-	51,597	4,079	-0-	87,476
STEVENS POINT	34,694	-0-	-0-	-0-	-0-	78,237	-0-	-0-	112,931
STOUT	486,362	152,081	-0-	14,088	-0-	132,346	135,129	-0-	920,006
SUPERIOR	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
WHITEWATER	-0-	102,422	-0-	-0-	-0-	-0-	1,175	-0-	103,597
TOTAL NOV 1988	2,380,243	1,971,965	200,649	2,623,402	454,103	19,740,695	1,134,259	29,200	28,534,516
PREVIOUSLY REPORTED	2,640,399	6,110,687	433,465	3,842,824	4,550	75,760,895	54,777,158	56,689	143,626,667
GRAND TOTAL	5,020,642	8,082,652	634,114	6,466,225	458,653	95,501,590	55,911,417	85,889	172,161,183
TOTAL NOV 1987	364,011	1,048,606	2,863	1,584,276	535,000	16,622,661	319,307	700	20,477,425
PREVIOUSLY REPORTED	2,830,566	8,378,350	479,726	3,722,676	81,314	75,856,011	24,612,654	30,418	115,991,715
GRAND TOTAL	3,194,577	9,426,956	482,589	5,306,952	616,314	92,478,672	24,931,961	31,118	136,469,139
FEDERAL TOTAL NOV 1988	528,900	1,613,023	192,012	1,195,243	151,103	15,242,848	331,372	-0-	19,254,501
PREVIOUSLY REPORTED	834,921	5,476,478	-0-	971,348	-0-	49,948,777	53,429,723	-0-	110,661,247
FEDERAL GRAND TOTAL	1,363,821	7,089,501	192,012	2,166,591	151,103	65,191,625	53,761,095	-0-	129,915,748
FEDERAL TOTAL NOV 1987	73,600	1,007,133	-0-	790,483	500,000	14,089,508	126,165	-0-	16,586,889
PREVIOUSLY REPORTED	1,124,897	7,559,795	-0-	1,024,336	54,313	50,222,548	23,110,494	-0-	83,096,383
FEDERAL GRAND TOTAL	1,198,497	8,566,928	-0-	1,814,819	554,313	64,312,056	23,236,659	-0-	99,683,272

UWS 6.02 GRIEVANCES. The faculty of each institution shall designate a committee or other appropriate faculty body to hear faculty grievances under rules and procedures established by the faculty of the institution in conjunction with the chancellor/~~such~~. The committee or faculty body shall have the power to conduct hearings and fact-finding related to the grievance/ and ~~the/authority~~ to recommend solutions to ~~such/grievances~~ the grievance to the chancellor/~~and to the Board should the matter not be resolved at the institutional level.~~ If the committee or other body makes recommendations to the chancellor, the chancellor shall act on the recommendations within 30 days. The decision by the chancellor on the recommendation of the committee, or on the grievance in the absence of committee recommendation, shall be final except that the board, upon petition of a grievant or the committee or other faculty body, may grant a review on the record.

This rule shall take effect on the first day of the month following publication in the Wisconsin administrative register as provided in s. 227.22 (2) (intro.), Stats. It is proposed that this rule shall take effect as provided in s. 227.22(2)(intro.), Stats.

BYLAWS
OF THE
BOARD OF REGENTS
of the
UNIVERSITY OF WISCONSIN SYSTEM

As Adopted 11-5-71 and Amended to 11-11-88

BYLAWS
of the
BOARD OF REGENTS
of the
UNIVERSITY OF WISCONSIN SYSTEM

CHAPTER I
MEETINGS AND BUSINESS OF THE REGENTS

Annual Meetings

Section 1. The annual meetings of the Board of Regents of the University of Wisconsin System shall be held, unless otherwise specially ordered, on the Friday following the first Monday in June, at nine o'clock in the morning.

Regular Meetings

Section 2. Regular meetings of the Regents shall be held on the Friday following the first Monday in each month, at nine o'clock in the morning, unless otherwise specially ordered.

Special Meetings

Section 3. A special meeting of the Regents of the University of Wisconsin System may be called at any time, upon request of at least five members of the Board or by the President of the Board. The notice calling any special meeting of the Board shall normally be served by the Secretary on each member of the Board in writing, by depositing same in the post office or telegraph

office at Madison, or by personal service at least five days before the time of the meeting. Where, in the judgment of the President of the Board, following consultation with available members of the Executive Committee, it is determined that a special Board meeting is required with notification of less than five days, but not less than two days, such a meeting may be called provided the subject is limited, all available members of the Board are queried by phone or personal contact and two-thirds of those contacted agree. Unless the call of a special meeting is limited, it shall be valid to act on any subject within the power of the Board.

Place of Meetings

Section 4. All meetings of the Board shall be held in Madison, unless otherwise ordered by the Board.

Quorum

Section 5. A majority of the members of the Board shall constitute a quorum.

Parliamentary Rules and Order of Business

Section 6. General parliamentary rules as set forth in Robert's Rules of Order, current edition, and as modified by rules and regulations of the Board shall be observed in conducting the business of the Board in session.

The order of business at all meetings shall be as follows:

1. Calling of the roll
2. Reading of the minutes of the proceedings of the last meeting;
amendment or approval of the same
3. Report of the President of the Board
4. Report of the President of the University System
5. Report of the Secretary
6. Reports of standing committees
7. Reports of special committees
8. Miscellaneous resolutions
9. Communications, petitions, and memorials
10. Unfinished and miscellaneous business

CHAPTER II

Officers of the Board and Their Duties

Section 1. The officers of the Board shall consist of a president, a vice president, a secretary, and such assistant secretaries as the Board from time to time shall determine, and a trust officer and such assistant trust officers as the Board from time to time shall determine.

Mode of Election

Section 2. The officers of the Board shall be elected by ballot at the annual meeting, and shall hold their respective offices for one year, beginning immediately upon election, and until their successors shall be elected and have qualified.

Duties of the President of the Board

Section 3. The President of the Board shall preside at all meetings, shall appoint the members of all standing and special committees of the Board, shall be an ex officio voting member of all committees, and shall discharge the ordinary duties of such officer in the pursuance of parliamentary law. The President of the Board shall, with the President of the University System, sign all diplomas and, with the Secretary countersigning, shall sign all contracts and instruments authorized or issued by authority of the Board, except such contracts and instruments as the Board or its Executive Committee may authorize any officer or employee of the University to sign. The President of the Board shall, with the President of the University of Wisconsin System, present budget requests to the Governor and the Legislature and shall act as spokesman for the Board before the Governor and before all legislative groups in matters of educational program planning, the use of existing facilities and personnel, budgetary problems, and building priorities.

Duties of the Vice President of the Board

Section 4. The Vice President of the Board shall be an ex officio voting member of all committees, and shall, in the absence of the President, perform all the duties of the President.

Duties of the President Pro Tem

Section 5. In the absence of the President and the Vice President the Board may appoint a president pro tem, who shall perform the duties of presiding officer of the Board.

Duties of the Secretary

Section 6. It shall be the duty of the Secretary to give at least ten days' notice of the regular meetings of the Board, to keep a record of the proceedings of the Board at their several meetings, to keep a separate record of the proceedings of the Executive Committee, and a record of the proceedings of each of the standing committees, whensoever requested thereto by the Chairman; to keep the corporate seal and by countersigning execute with the President of the Board instruments and contracts ordered by the Board; and to preserve all documents pertaining to his or her office. The Secretary shall perform such other duties as are imposed on him or her by law and the rules and orders of the Board.

The Secretary shall, as soon as practicable after the record of proceedings of meetings has been perfected, transmit, by mail, to each regent a copy of the record of the meetings of the Board, and of the committees thereof. The Secretary shall maintain an up-to-date codification of all policy actions of the Board as referred to in Section 1. of Chapter V of the Bylaws.

Assistant Secretaries

Section 7. The Board shall, at the same time and in the same manner as it elects its Secretary, also elect such number of Assistant Secretaries as it shall deem necessary. The duties of the Assistant Secretaries shall be to assist the Secretary in the performance of his or her duties, and they shall perform such duties as may be assigned to them by the Secretary or the Board of Regents. In the absence of the Secretary, an Assistant Secretary shall act as and perform all the duties of the Secretary.

Trust Officer and Assistant Trust Officers

Section 8. It shall be the duty of the Trust Officer to receive, manage, and maintain records of all trust funds of the University of Wisconsin System and to perform such other duties relating to trust funds as are imposed upon him or her by law and the rules and orders of the Board or the Business and Finance Committee of the Board. The Assistant Trust Officers shall assist the Trust Officer in the performance of his or her duties and shall perform such other duties as may be assigned to them by the Trust Officer, the Board or the Business and Finance Committee of the Board.

CHAPTER III

Committees of the Board

Section 1. There shall be five ~~four~~ standing committees of the Board of Regents as follows:

(1) Education Committee consisting of such members as are appointed annually thereto by the President of the Board following the annual meeting. The President and Vice President shall serve as ex officio voting members and the President shall designate the Chairman and Vice Chairman of the Committee.

(2) Business and Finance Committee consisting of such members as are appointed annually thereto by the President of the Board following the annual meeting. The President and Vice President of the Board shall serve as ex officio voting members and the President shall designate the Chairman and Vice Chairman of the Committee.

(3) Physical Planning and Development Committee consisting of such members as are appointed annually thereto by the President of the Board following the annual meeting. The President and Vice President of the Board shall serve as ex officio voting members and the President shall designate the Chairman and Vice Chairman of the Committee.

(4) Executive Committee consisting of the President of the Board, who shall serve as Chairman, the Vice President of the Board, the Chairman of the Education Committee, the Chairman of the Business and Finance Committee, the Chairman of the Physical Planning and Development

Committee, the member of the Board who shall have most recently been the President of the Board and one other member of the Board appointed by the President of the Board. In the event that there shall be no member of the Board who shall have previously been President of the Board, such position on the Executive Committee shall be filled by a member of the Board appointed by the President of the Board.

(5) Personnel Matters Review Committee consisting of at least three members appointed annually thereto by the President of the Board following the annual meeting. The President and Vice President of the Board shall serve as ex officio voting members. The President shall designate the Chairman of the Committee.

Special Regent committees may be created from time to time as necessity demands by an affirmative majority vote of the Board, and the President shall appoint the members thereto and the Chairman thereof. A Special Regent Committee shall not be created for any matter which is properly before any of the standing committees.

Meetings of the committees may be called by the Chairman, or by the Secretary of the Board upon the request of two members, or upon the request of the President of the University System.

Duties of the Education Committee

Section 2. The Education Committee shall have charge of consideration of all matters of an educational nature related to the instruction, research, and public service functions of the University, the academic personnel, and to student services and welfare. The Chairman of the Education Committee may create one or more subcommittees to consider any matter properly before the Education Committee and shall appoint the subcommittee members and the chairman from among those members of the Board serving on the Education Committee.

Duties of the Business and Finance Committee

Section 3. The Business and Finance Committee shall have charge of consideration of all matters related to operating budget, finances, trust funds, business operations, and to non-academic personnel.

Authority is delegated to the Business and Finance Committee to hire investment counsel, subject to Board approval, and to give discretionary authority to investment counsel in the purchase and sale of securities within guidelines determined by the Committee. The Chairman of the Business and Finance Committee may create one or more subcommittees to consider any matter properly before the Business and Finance Committee and shall appoint the subcommittee members and the Chairman from among those members of the Board serving on the Business and Finance Committee.

Duties of the Physical Planning and Development Committee

Section 4. The Physical Planning and Development Committee shall have charge of consideration of all matters related to the capital building program. This

includes approval of budgets, advance planning, concept and budget reports, funding and capital budget development policies, and authorization to bid and construct in connection with projects for new construction and improvements of \$30,000 or more; location of new buildings and improvements; facilities namings; gifts-in-kind of facilities; campus development and transportation plans; real estate transactions, including sale, purchase, exchange, lease, zoning, relocation costs, and condemnation; easements and land use permits; telecommunication system acquisitions; steam sale agreements; assessable improvements; and Wisconsin Environmental Policy Act implementation. The Chairman of the Physical Planning and Development Committee may create one or more subcommittees to consider any matter properly before the Physical Planning and Development Committee and shall appoint the subcommittee members and the Chairman from among those members of the Board serving on the Physical Planning and Development Committee.

Duties of the Personnel Matters Review Committee

Section 6. The President of the Board may refer personnel matters involving requests for hearing, petitions for review, and appeals to the Board to the Personnel Matters Review Committee.

(1) Mandatory review. Where an opportunity to be heard, a review or an appeal to the Board is required by the Board's administrative rules, such as UWS 4.08, 5.14(3) or 11.10, Wisconsin Administrative Code, or under Board policies, the Committee may conduct the hearing, review or appeal. All such proceedings shall be conducted upon the record of the matter created at the institutional or administrative levels. The Committee shall prepare recommended findings and a decision, and shall transmit them to the full Board for final action.

(2) Discretionary review. Where consideration of a matter by the Board is discretionary either under the Board's administrative rules, such as UWS 5.14(2), 6.01(5), 6.02, 11.07, or 12.05(8), Wisconsin Administrative Code, or under Board policies, or on any other basis, it shall first be determined whether the request for Board consideration should be granted. In making the determination, the following factors shall be considered:

- (a) The case involves substantial constitutional claims;
- (b) There is a serious concern that the chancellor has abused his/her discretion or exceeded his/her authority;
- (c) The decision made at the institutional level could have systemwide implications; or
- (d) The final institutional decision is based upon facts not supported by the record, resulting in material prejudice to the individual seeking review.

(3) If the Board determines that a request for Board consideration should be granted, the Committee may conduct the review or hearing. All such proceedings shall be conducted upon the record of the matter created at the institutional or administrative levels. Unless the request for review is withdrawn, the Committee shall prepare recommended findings and a decision, and shall transmit them to the full Board for final action.

Duties of the Executive Committee

Section 5. The Executive Committee shall have the powers of the Board, when the Board is not in session, and shall provide for the execution of orders and resolutions not otherwise specially committed or provided for. A separate record of the proceedings of this Committee shall be kept by the Secretary, and the same shall be submitted to the Board for inclusion in the record at the next regular or special meeting.

CHAPTER IV

Amendments

Section 1. These Bylaws may be added to or amended at any meeting of the Board by an affirmative vote of a majority of the members of the Board provided, however, that proposed amendments shall be specifically set forth in the notice of such meeting.

Suspension of Bylaws

Section 2. The Bylaws or any of them may be suspended at any meeting by an affirmative vote of two-thirds of the total members of the Board and not otherwise.

CHAPTER V

SYSTEM ADMINISTRATION

President of the University of Wisconsin System

Section 1. The President of the University of Wisconsin System has full executive responsibility for the operation and management of the System. He or she shall carry out the duties prescribed in Wisconsin Statutes for this office, and such other duties as may be assigned by the Board or be implicit in policy actions of the Board. The President of the System shall see to the appropriate staffing of System administrative offices, and direct and coordinate the activities of these offices as needed to fulfill his or her responsibilities. All items to be brought before the Board of Regents for action, except matters which come to the Board pursuant to its administrative rules or existing policies and those initiating in the Board itself, should reach the Board through the President of the University of Wisconsin System and carry his or her recommendation. If an item arises at or is related to an institution, the President shall ensure that it has first been through the established institution governance process and carries the Chancellor's recommendation; if it has not been through the institution governance process, the President shall request that it be so considered by the institution. On appeals of matters which have been through the institution governance process, the President shall verify that all institution procedures have been exhausted and will then determine whether, in the President's judgment, the Board of Regents should consider the matter. A decision by the President that the matter should not be considered by the Board can be appealed directly to the President of the Board. If the President of the Board determines that the matter should not be considered by the Board, any member of the Board may request that the matter be considered by the Board. A request that an item be considered by the Board which comes from other than the President or any

member of the Board must be in writing. Persons making such requests shall be advised in writing of determinations by the President of the System and President of the Board regarding their requests. Failure by the President of the System or the President of the Board to act on a written request that an item be considered by the Board within sixty days of its receipt shall be deemed a denial of the request.

Vice Presidents

Section 2. The President shall, with the approval of the Board, establish such vice presidential offices as may be necessary to provide administrative direction and coordination for the several major functions of System administration as these are defined by the President and the Board. The President shall assign such responsibilities to each of the vice presidents as may best promote effective administration of the responsibilities of his or her office, and shall, with the approval of the Board, title each vice presidential office in the way best suited to designate its major area of concern.

Staff Services to the Board of Regents

Section 3. The President shall, with the approval of the Board, designate a vice president as principal staff officer for each of the standing committees of the Board, or in the event of the unavailability of an appropriate vice president, an associate vice president or other major administrative officer to perform this function. The persons so designated shall provide to the committee such materials and papers as may be required for the agenda of the committee, and be prepared to respond to such other requests for information or interpretation as the committee or its members may require.

UW SYSTEM 1989-91 BIENNIAL BUDGET

	1988-89 Base Budget	1989-90 Increase*	1989-90 Budget Level*	1990-91 Increase*	1990-91 Budget Level*	Total 1989-91 Increase*	Total 1989-91 Biennial Level*
GPR	\$657,250,400	\$44,144,800	\$701,395,200	\$29,864,900	\$731,260,100	\$118,154,500	\$1,432,655,300
Academic Fees/Tuition	\$265,572,500	\$11,011,100	\$276,583,600	\$2,850,400	\$279,434,000	\$24,872,600	\$556,017,600
Subtotal GPR/Fees	\$922,822,900	\$55,155,900	\$977,978,800	\$32,715,300	\$1,010,694,100	\$143,027,100	\$1,988,672,900
Other Program Revenue	\$847,244,300	\$69,600,200	\$916,844,500	\$43,398,000	\$960,242,500	\$182,598,400	\$1,877,087,000
Total Budget	\$1,770,067,200	\$124,756,100	\$1,894,823,300	\$76,113,300	\$1,970,936,600	\$325,625,500	\$3,865,759,900

ACADEMIC FEES

	1989-90	1990-91	Average
Original Proposal	7.7%	4.4%	6.1%
Budget as Passed*	-0.6%	-0.3%	-0.5%
Revised Fee %*	7.1%	4.1%	5.6%

* Before final determination of funding sources for shift of \$1,017,500 which may or may not slightly alter these numbers.

Student share of cost would remain at 35% overall, 32.2% for resident undergraduates.

11/11/88

I-3
II-1
III-1

F. UW-WHITENATER

1. 1987-89 East Campus Site Development (8802-31)

a. Electrical Work

Bakke Electric Co., Inc., Waterford \$ 28,050.00

II. CONTRACT CHANGE ORDERS IN EXCESS OF \$30,000

A. UW-MADISON

1985-87 Great Lakes Research Facility Dock Repairs
(8512-18)

a. Change Order No. 5 \$ 88,000.00

III. REPORT OF ACTIONS TAKEN (MEMOS OF AGREEMENT)

Computer

A. ~~Agreement assigning all rights, title and interest in SOLVER-Q, a software program for the solution of simultaneous equations, to the Wisconsin Alumni Research Foundation, *Computer*.~~ *for*

Hospital

B. ~~Agency and Contracting Agreement between Chancellor, University of Wisconsin-Madison, University Health Care, Inc., and U-Care HMO, Inc.~~ *for*

C. On signature of the Vice President for Physical Planning and Development, the following lease agreements have been renewed:

Bldg + Land - Approval of lease for

Lessee: *for* Dept. of Rehabilitation Medicine/Neuromuscular Disabilities Clinic - ~~UW-Madison~~ ✓
Lessor: Harold Nesberg
Location: 2710 Marshall Court, Madison
Size: 1,500 square feet
Lease term: April 1, 1989 to March 31, 1990
Annual rental: \$18,600
Renewal option: One, one-year period

Lessee: *for* Regional Services Program - ~~UW-Madison~~ ✓
Lessor: Wisconsin Economic Research Institute
Location: 810 University Bay Drive, Shorewood Hills
Size: 3,835 square feet office space
Lease term: May 1, 1989 to April 30, 1992
Annual rental: \$40,950
Renewal option: None

Lessee: *and* Women's Health Center/Middleton Clinic - ~~UW-Madison~~ ✓
Lessor: The Solor Partnership
Location: 6602 University Avenue, Madison
Size: 4,228 square feet
Lease term: February 1, 1989 to January 31, 1990
Annual rental: \$59,053
Renewal option: One, one-year period

D. On signature of the Vice President for Physical Planning and Development, the following lease agreements have been executed:

Bldg & Land

Lease for

Lessee: University of Wisconsin Library System
 Lessor: R.L. Danner Company
 Location: 2250 South Park Street
 Size: 4,000 square feet
 Lease term: August 1, 1988 to July 31, 1990
 Annual rental: \$15,000
 Renewal option: Two, one-year periods

UW-Madison Nonpers
Item D

E. The following lease agreements for UW-Madison Agricultural Research Station Residences have been signed by the UW-Madison Vice Chancellor for Administration. The agreements are for the two-year period beginning July 1, 1988 and have been prepared in accordance with the rental rate methodology established by the Joint Committee on Finance:

Experimental Farms

Lease agreements for residences at

Lessee	Station Residence (Bldg. No.)	Rental Rate
Steven C. Arp	→ Arlington Truss Frame House, (#901)	\$152
Bryan Bowen	→ Hancock Agricultural Research Sta. Residence, (#345)	175
Wayne Breunig	→ Arlington Veterinary Sci. House, (#642)	139
Thomas Drendel	→ Marshfield Ag. Research Station Res., (#314)	152
James Elphick	→ Arlington Sheep Farm Res., (#625)	189
Donald Erstad	→ Arlington Poultry Farm Res., (#606)	123
Darwin Frye	→ Arlington Beef Farm Res., (#602)	150
Jerry Guenther	→ Arlington Ag. Research Sta Dairy Farm #1, (#655)	182
James Hrouda	→ Spooner Ag. Research Station Headquarters Residence, (#211)	112
Robert Huntrods	→ Hayward Farm House, (excluding attached apartment) (#1125)	158
David Jensen	→ Arlington Swine/Soils Farm Res., (#680)	150
Richard Joannis	→ Ashland Herdsman Residence, (#252)	99
Raymond Kennedy	→ Kemp Biological Station Res., (#715)	42
Howard Kirchner	→ USDA Dairy Forage Center Res., #2	193
Ken Kmiecik	→ Arlington Horticulture Farm Res., (#910)	99
Glen Moen	→ Charmany Farm Residence, (#650)	229
Dwight Mueller	→ Arlington Headquarters Residence, (#845)	157
Richard Nesbitt	→ Arlington Turkey Farm Residence, (#647)	143
William Paulson	→ Lancaster Ag. Research Station Headquarters Residence, (#161)	112
Daniel Peschel	→ Lancaster Beef Farm Residence (#102) and	106
Brian Schauske	→ Peninsula Ag. Research Station Res., (#376)	56

Nonpers. Item E